

|               |                             |
|---------------|-----------------------------|
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| Description   | P33025                      |
| Date          | Thu Jan 5 11:51:01 GMT 2012 |
| Unique Job ID | 05eb3b8c6bf2de4a            |

|                     | 1           | 10            | 20            | 30       | 40          | 50           | 60                        |
|---------------------|-------------|---------------|---------------|----------|-------------|--------------|---------------------------|
| Sequence            | MSELKI      | SPELLQI       | SPEVQDAL      | KNKKP    | VVAL        | ESTII        | SHGMPFPQNAQTALIVEETIRKQGA |
| Secondary structure |             |               |               |          |             |              |                           |
| SS confidence       |             |               |               |          |             |              |                           |
| Disorder            | ?           | ?             | ?             | ?        | ?           | ?            |                           |
| Disorder confidence |             |               |               |          |             |              |                           |
|                     | 70          | 80            | 90            | 100      | 110         | 120          |                           |
| Sequence            | VPATIAIIGGV | MKVGLSKEEIELL | GREGHNVT      | KVSRRDL  | PVVVAAGK    | NGATT        | VASTMIIA                  |
| Secondary structure |             |               |               |          |             |              |                           |
| SS confidence       |             |               |               |          |             |              |                           |
| Disorder            |             |               | ?             |          |             |              |                           |
| Disorder confidence |             |               |               |          |             |              |                           |
|                     | 130         | 140           | 150           | 160      | 170         | 180          |                           |
| Sequence            | ALAGIKVF    | ATGGIGGVH     | RGAETHFDISADL | QELANTNV | TVVVCAGAKSL | DLGLTTEYLET  |                           |
| Secondary structure |             |               |               |          |             |              |                           |
| SS confidence       |             |               |               |          |             |              |                           |
| Disorder            |             |               | ?             |          | ?           |              |                           |
| Disorder confidence |             |               |               |          |             |              |                           |
|                     | 190         | 200           | 210           | 220      | 230         | 240          |                           |
| Sequence            | FGVPLIGYQT  | KALPAFFC      | RTPF          | DVSI     | RLDSASEI    | ARAMVVKWQSGL | NGGLVVANPIPEQ             |
| Secondary structure |             |               |               |          |             |              |                           |
| SS confidence       |             |               |               |          |             |              |                           |
| Disorder            |             |               |               |          |             | ?            |                           |
| Disorder confidence |             |               |               |          |             |              |                           |
|                     | 250         | 260           | 270           | 280      | 290         | 300          |                           |
| Sequence            | FAMPEHTINA  | AIDQAVAEAE    | AQGVI         | GKESTP   | LLARVAEL    | TGGDSLKSNI   | QLVFNNAILA                |
| Secondary structure |             |               |               |          |             |              |                           |
| SS confidence       |             |               |               |          |             |              |                           |
| Disorder            |             |               | ?             | ?        | ?           | ?            |                           |
| Disorder confidence |             |               |               |          |             |              |                           |
|                     | 310         |               |               |          |             |              |                           |
| Sequence            | SEIAKEYR    | L             | A             | G        |             |              |                           |
| Secondary structure |             |               |               |          |             |              |                           |
| SS confidence       |             |               |               |          |             |              |                           |
| Disorder            |             |               | ?             | ?        | ?           |              |                           |
| Disorder confidence |             |               |               |          |             |              |                           |

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand