

## Product datasheet for **TP312280L**

### SCAI (NM\_173690) Human Recombinant Protein

#### Product data:

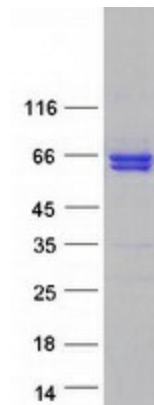
|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human chromosome 9 open reading frame 126 (C9orf126), transcript variant 1, 1 mg  |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC212280 representing NM_173690<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | <p>MVRGARQPQQPRSLAPRLTGTVEKPPRKRSSIRGSGDSSHSQSQGERYQHFTTEKTEFALKEIMSSGGA<br/>EDDIPQGERKTVTDFCYLLDKSKQLFNGLRDLPPQYGQKQWQSYFGRTFDVYTKLWKFFQQHRQVLDNR<br/>YG<br/>LKRWQIGEIASKIGQLYYHYLLRTSETSYLNEAFSFIYSAIRQRSYYSQVNKEDRPELVVKKLRYARFIV<br/>VCLLLNKMDVWKDLVKELSDIEDYTHRFNTEDQVEWNLVLQEVAAFIEADPVMVLNDDNTIVITSNRLA<br/>ETGAPLLEQGMIVGQLSLADALIIGNCENNQVKFSELTVDMMFRMLQALEREPMNLASQMNKPGMQESAD<br/>KP<br/>TRRENPHKYLLYKPTFSQLYTFLAASFKELPANSVLLIYLSATGVFPTGRSDSEGPYDFGGVLTNSNRDI<br/>INGDAIHKRNQSHKEMHCLHPGDLYPFTRKPLFIIVDSSNSVAYKNFTNLFGQPLVCLLSPTAYPKALQD<br/>QSQRGSLFTLFLNNPLMAFLFVSGLSMRRGLWEKCEYLRLKINRDIAQLLTHSRSIDQAFLQFFGDEFL<br/>RLLLTRFIFCSATMRMHKIFRETRNYPESYPQLPRDETVENPHLQKHILELASILDVRNVFFENTIDDY</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 72.8 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |



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|----------------------|---|
| <b>Storage:</b>      | Store at -80°C.   |
| <b>Stability:</b>    | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| <b>RefSeq:</b>       | <a href="#">NP_775961</a>   |
| <b>Locus ID:</b>     | 286205  |
| <b>UniProt ID:</b>   | <a href="#">Q8N9R8</a>  |
| <b>RefSeq Size:</b>  | 1968  |
| <b>Cytogenetics:</b> | 9q33.3  |
| <b>RefSeq ORF:</b>   | 1887  |
| <b>Synonyms:</b>     | C9orf126; NET40   |
| <b>Summary:</b>      | This gene encodes a regulator of cell migration. The encoded protein appears to function in the RhoA (ras homolog gene family, member A)-Dia1 (diaphanous homolog 1) signal transduction pathway. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2010] |

### Product images:



Coomassie blue staining of purified SCAI protein (Cat# [TP312280]). The protein was produced from HEK293T cells transfected with SCAI cDNA clone (Cat# [RC212280]) using MegaTran 2.0 (Cat# [TT210002]).