

## Product datasheet for TP520477

### Serf2 (NM\_011354) Mouse Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Mouse small EDRK-rich factor 2 (Serf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug   |
| Species:                              | Mouse   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >MR220477 representing NM_011354<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)<br><br>MTRGNQRELARQKNMKKQSDSVKGKRRDDGLSAAARKQRDSEIMQQKQKKANEKKEEPPK<br><br><span style="color: red;">TR</span> TRPLE <span style="color: green;">QKLISEEDLAANDILDYKDDDDKV</span> |
| Tag:                                  | C-MYC/DDK   |
| Predicted MW:                         | 6.9 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  |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| Storage:                              | Store at -80°C after receiving vials.   |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| RefSeq:                               | <u><a href="#">NP_035484</a></u>  |
| Locus ID:                             | 378702  |
| UniProt ID:                           | <u><a href="#">P84102</a></u>   |
| RefSeq Size:                          | 3072  |
| Cytogenetics:                         | 2 E5  |
| RefSeq ORF:                           | 177   |


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**Synonyms:** C80083; m4F5rel; Msmac1l

**Summary:** Positive regulator of amyloid protein aggregation and proteotoxicity (By similarity). Induces conformational changes in amyloid proteins, such as HTT, driving them into compact formations preceding the formation of aggregates (By similarity).[UniProtKB/Swiss-Prot Function]