

## Product datasheet for TP309135

### SERGEF (NM\_012139) Human Recombinant Protein

#### Product data:

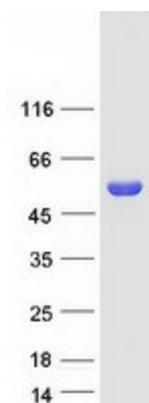
|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human secretion regulating guanine nucleotide exchange factor (SERGEF), 20 µg   |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC209135 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MEREPSASEAAPAAAALFAWGANSYQQLGLGHKEDVLLPQQLNDFCKPRSVRRITGGGGHSAVVDGGDL<br>FVCGLNKDGQLGLGHTEDIPYFTPCKSLFGCPIQQVACGWDFTIMLTENGQVLSGNSFGQLGVPHGPR<br>RCVVPQAIELHKEKVVCIAAGLRHAVAATASGIVFQWGTGLASCGRRLLCPGQTLPLFFTAKEPSRVTGLE<br>NSKAMCVLAGSDHSASLTDAGEVYVWGSNKHGQLANEAFLPVPQKIEAHCFQNEKVTAIWSGWTHLVAQ<br>TETGKMFTWGRADYGQLGRKLETYEGWKLEKQDSFLPCSRPPNSMPSSPHCLTGATEVSCGSEHNLAIIIG<br>GVCYSWGWNEHGMCGDGTANWWAPKPVQALLSSSGLLVGCGAGHSLALCQLPAHPALVQDPKVITYLSPD<br>AIEDTESQKAMDKERNWKERQSETSTQSQSDWSRNGGL<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 48.8 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.   |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |



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|               |   |
|---------------|---|
| RefSeq:       | <a href="#">NP_036271</a>   |
| Locus ID:     | 26297   |
| UniProt ID:   | <a href="#">Q9UGK8</a> , <a href="#">A8K8C1</a>   |
| RefSeq Size:  | 1582  |
| Cytogenetics: | 11p15.1   |
| RefSeq ORF:   | 1374  |
| Synonyms:     | DELGEF; Gnefr   |
| Summary:      | Probable guanine nucleotide exchange factor (GEF), which may be involved in the secretion process.[UniProtKB/Swiss-Prot Function] |

### Product images:



Coomassie blue staining of purified SERGEF protein (Cat# TP309135). The protein was produced from HEK293T cells transfected with SERGEF cDNA clone (Cat# [RC209135]) using MegaTran 2.0 (Cat# [TT210002]).