

## Product datasheet for **TP305887**

### HERPUD2 (NM\_022373) Human Recombinant Protein

#### Product data:

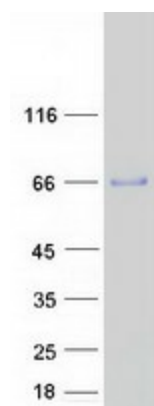
|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human HERPUD family member 2 (HERPUD2), 20 µg   |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC205887 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MDQSGMEIPVTLLIKAPNQKYSQTISCFLNWTVGKLKTHLSNVYPSKPLTKDQRLVYSGRLLPDHLQLK<br>DILRKQDEYHMHVHVCTSRTPSSPKSSTNRESHEALTSSSNSSSDHSGSTTPSSGQETLSLAVGSSSEG<br>LRQRTLPAQTDQAQSHQFPYVMQGNVDNQFPGQAAPPGFVPYPAFSPQLMLWWQMYAHQYYM<br>QYQAAV<br>SAQATSNVNPTQPTTSQPLNLAHVPGEEPPAPNLVAQENRPMNENVQMNAQGGPVLNEEDFNRDW<br>LDWM<br>YTFSRRAILLSIVYFYSSFSRFIMVMGAMLLVYLHQAGWFPFRQEGGHQQAPNNNAEVNNDGQNANNLE<br>L<br>EEMERLMDDGLEDESGEDGGEDASAIQRPGLMASAWSFITFFFTSLIEGPPQVAN<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 45 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.  |



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|--------------------------|---|
| <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>           | <u><a href="#">NP_071768</a></u>  |
| <b>Locus ID:</b>         | 64224   |
| <b>UniProt ID:</b>       | <u><a href="#">Q9BSE4</a></u>   |
| <b>RefSeq Size:</b>      | 2932  |
| <b>Cytogenetics:</b>     | 7p14.2  |
| <b>RefSeq ORF:</b>       | 1218  |
| <b>Summary:</b>          | Could be involved in the unfolded protein response (UPR) pathway.[UniProtKB/Swiss-Prot Function]  |
| <b>Protein Families:</b> | Druggable Genome, Transmembrane   |

### Product images:



Coomassie blue staining of purified HERPUD2 protein (Cat# TP305887). The protein was produced from HEK293T cells transfected with HERPUD2 cDNA clone (Cat# [RC205887]) using MegaTran 2.0 (Cat# [TT210002]).