

## Product datasheet for **TP309025M**

### Josephin 2 (JOSD2) (NM\_138334) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human Josephin domain containing 2 (JOSD2), 100 µg  |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC209025 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | MSQAPGAQPSPTVYHERQRLELCAVHALNNVLQQQLFSQEAADEICKRLAPDSRLNPHRSLGTTGNYDV<br>NVIMAALQGLGLAAVWDRRRPLSQLALPQVLGLILNLPSPVSLGLLSLPLRRRHWWALRQVDGVYYNLD<br>SKLRAPEALGDEDGVRAFLAAALAQGLCEVLLVVTKEVEEKGSWLRTD |
|                                       | <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>   |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 20.6 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.  |
| RefSeq:                               | <u><a href="#">NP_612207</a></u>   |
| Locus ID:                             | 126119   |
| UniProt ID:                           | <u><a href="#">Q8TAC2</a></u> , <u><a href="#">A0A024R4G2</a></u>  |
| RefSeq Size:                          | 863  |



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Cytogenetics: 19q13.33

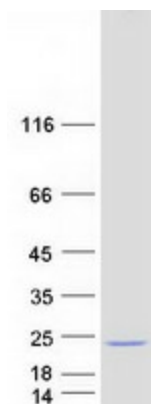
RefSeq ORF: 564

Synonyms: SBBI54

**Summary:** This gene encodes a protein containing a Josephin domain. Josephin domain-containing proteins are deubiquitinating enzymes which catalyze the hydrolysis of the bond between the C-terminal glycine of the ubiquitin peptide and protein substrates. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified JOSD2 protein (Cat# [TP309025]). The protein was produced from HEK293T cells transfected with JOSD2 cDNA clone (Cat# [RC209025]) using MegaTran 2.0 (Cat# [TT210002]).