

# Product datasheet for TP760750

# TOR1AIP2 (NM\_022347) Human Recombinant Protein

### **Product data:**

| Product Type:                            | Recombinant Proteins   |
|--|--|
| Description:                             | Purified recombinant protein of Human torsin A interacting protein 2 (TOR1AIP2), transcript<br>variant 1, full length, with N-terminal HIS tag, expressed in E. coli, 50ug |
| Species:                                 | Human  |
| Expression Host:                         | E. coli  |
| Expression cDNA Clone<br>or AA Sequence: | A DNA sequence encoding human full-length TOR1AIP2   |
| Tag:                                     | N-His  |
| Predicted MW:                            | 15.2 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 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.  |
| 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>NP 071742</u>   |
| Locus ID:                                | 163590   |
| UniProt ID:                              | <u>Q9H496</u>  |
| RefSeq Size:                             | 7074   |
| Cytogenetics:                            | 1q25.2   |
| RefSeq ORF:                              | 393  |
| Synonyms:                                | IFRG15; LULL1; NET9  |
|  |  |



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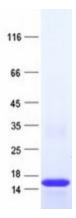
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### **CRIGENE** TOR1AIP2 (NM\_022347) Human Recombinant Protein – TP760750

Summary: One of the two protein isoforms encoded by this gene is a type II integral membrane protein found in the endoplasmic reticulum (ER). The encoded protein is a cofactor for the ATPase TorsinA, regulating the amount of TorsinA present in the ER compared to that found in the nuclear envelope. Defects in this protein are a cause of early onset primary dystonia, a neuromuscular disease. The other isoform encoded by this gene is an interferon alpha responsive protein whose cellular role has yet to be determined. [provided by RefSeq, Mar 2017]

Protein Families: Transmembrane

# **Product images:**



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