

Product datasheet for **TP700072**

kynurenine 3 monooxygenase (KMO) (NM_003679) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified protein of Homo sapiens kynurenine 3-monooxygenase (kynurenine 3-hydroxylase) (KMO), with N-terminal AVI tag (MSGLNDIFEAQKIEWHEAIA) and C-terminal MYC/DDK tag, expressed in human cells, 20ug |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | A DNA sequence from TrueORF clone, RC222594, encoding human KMO |
| Tag: | C-Myc/DDK |
| Predicted MW: | 61.6 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 |
| 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: | NP_003670 |
| Locus ID: | 8564 |
| UniProt ID: | O15229 , A8K693 |
| RefSeq Size: | 4992 |
| Cytogenetics: | 1q43 |
| RefSeq ORF: | 1458 |
| Synonyms: | dj317G22.1 |



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Summary: This gene encodes a mitochondrion outer membrane protein that catalyzes the hydroxylation of L-tryptophan metabolite, L-kynurenine, to form L-3-hydroxykynurenine. Studies in yeast identified this gene as a therapeutic target for Huntington disease. [provided by RefSeq, Oct 2011]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Tryptophan metabolism

Product images:

