

## Product datasheet for **TP700071**

### 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 C-terminal AVI tag (GGGLNDIFEAQKIEWHE) prior to 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:	61.3 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:	<a href="#">NP_003670</a>
Locus ID:	8564
UniProt ID:	<a href="#">O15229</a> , <a href="#">A8K693</a>
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:**

