

Recombinant Full Length Human kynurenine 3-monooxygenase Protein, Avi&Flag tagged

Cat. No. KMO-016H Lot. No. (See product label)

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	1-486 aa
Description	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.
Molecular Mass	61.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade.
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Concentration	> 0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name	KMO kynurenine 3-monooxygenase [Homo sapiens (human)]
Official Symbol	KMO
Synonyms	KMO; kynurenine 3-monooxygenase; dJ317G22.1; kynurenine 3-monooxygenase; kynurenine 3-hydroxylase; C 1.14.13.9
Gene ID	8564
mRNA Refseq	NM_003679
Protein Refseq	NP_003670
MIM	603538
UniProt ID	O15229

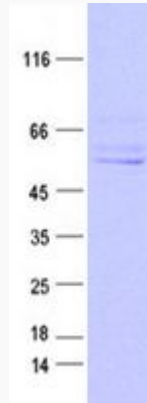
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SDS-PAGE



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