

Recombinant Full Length Human KMO Protein, GST-tagged

Cat. No. KMO-5779HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KMO full-length ORF (AAH05297.1, 1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	407 amino acids
Description	Kynurenine 3-monooxygenase (KMO; EC 1.14.13.9) is an NADPH-dependent flavin monooxygenase that catalyzes the hydroxylation of the L-tryptophan metabolite L-kynurenine to form L-3-hydroxykynurenine.[supplied by OMIM
Molecular Mass	70.51 kDa
AA Sequence	MDSSVIQRKKVAVIGGGLVGSLQACFLAKRNFQIDVYEAREDTRVATFTRGRSINLAL SHRGRQALKAVGLEDQIVSQGIPMRARMHSLSGKKSAPYGTKSQYILSVSRENLNK DLLTAAEKYPNVKMHFNHRLKCNPEEGMITVLGSDKVPKDVTCDLIVGCDGAYSTV RSHLMKKPRFDYSQQYIPHYGMYELTIPPKNGDYAMEPNYLHIWPRNTFMMIALPNM NKSFTCTLFMPFEEFEKLLTSNDVVDFFQKYFPDAIPLIGEKLIVQDFLLPAQPMISV KCSSFHFKSHCVLLGDAAHAIVPFFGQGMNAGFEDCLVFDELMDKFSNDLSLCLPV FSRLRIPDDHAISDLSMYNYIEKNMERFLHAIMPSTFIPLYTMVTFSRIRYHEAVQRW HWQKR
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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