

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
Protein Length	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 SHRGRQALKAVGLEDQIVSQGIPMRARMIHSLSGKKS AIPYGTKSQYILSVSRENLNK DLLTAAEKYPNVKMHFNHRLKCNPEEGMITVLGSDKVPKDVTCDLIVGCDGAYSTV RSHLMKKPRFDYSQQYIPHG YMELTIPPKNGDYAMEPNYLHIWPRNTFMMIALPNM NKSFTCTLFMPFEEFEKLLTSNDVVDFQKYFPDAIPLIGEKLLVQDFLLPAQPMISV KCSSFHFKSHCVLLGDAAHAIVPFFGQGMNAGFEDCLVFDELMDKFSNDLSLCLPV FSRLRIPDDHAISDLSMYNYIEKNMERFLHAIMPSTFIPLYTMVTF SRIRYHEAVQRW HWQKR
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA