

Recombinant Human KMO protein, 6xHis-tagged

Cat. No. KMO-3141H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KMO protein(O15229)(1-486aa), fused with N-terminal 6xHis tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-486aa
Tag	N-6xHis
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Molecular Mass	61.8 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MDSSVIQRKKVAVIGGGLVGSLLQACFLAKRNFQIDVYEAREDTRVATFTRGRSINLAL
SHRGRQALKAVGLEDQIVSQGIPMRARMHSLSGKKSAPYGTQSQYILSVSRENLNK
DLLTAAEKYPNVKMHFNHRLKCNPEEGMITVLGSDKVPKDVTCDLIVGCDGAYSTV
RSHLMKKPRFDYSQQYIPHYGMELTIPPKNGDYAMEPNYLHIWPRNTFMMIALPNM
NKSFTCTLFMPFEEFEKLLTSNDVVDFFQKYFPDAIPLIGEKLIVQDFFLLPAQPMISV
KCSSFHFKSHCVLLGDAAHAIVPFFGQGMNAGFEDCLVFDELMDKFSNDLSLCLPV
FSRLRIPDDHAISDLSMYNYIEMRAHVNSSWFIFQKNMERFLHAIMPSTFIPLYTMVTF
SRIRYHEAVQRWHWQKKVINKGLFFLGSLIAISSTYLLIHYMSPRSFLRLRRPWNWIA
HFRNTTCFPAKAVDSLEQISNLISR

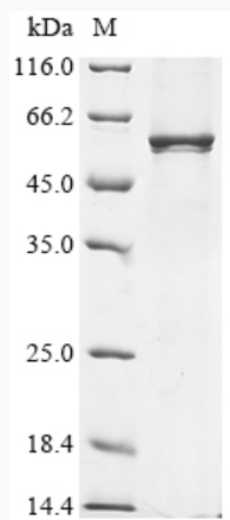
GENE INFORMATION

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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SDS-PAGE

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