

## Recombinant Human KMO protein, 6xHis-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KMO protein(O15229)(1-486aa), fused with N-terminal 6xHis tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-486aa
<b>Tag</b>	N-6xHis
<b>Form</b>	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.
<b>Molecular Mass</b>	61.8 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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**

MDSSVIQRKKVAVIGGGLVGS LQACFLAKRNFQIDVYEAREDTRVATFTRGRSINLAL  
 SHRGRQALKAVGLEDQIVSQGIPMRARMIHSLSGKKS AIPYGT KSQYILSVSRENLNK  
 DLLTAAEKYPNVKMHFNRLLKCNPEEGMITVLGSDKVPKDVTCDLIVGCDGAYSTV  
 RSHLMKKPRFDYSQQYIPHG YMELTIPPKNGDYAMEPNYLHIWPRNTFMMIALPNM  
 NKSFTCTLFMPFEEFEKLLTSNDVVDF FQKYFPDAIPLIGEKLLVQDFFLLPAQPMISV  
 KCSSFHFKSHCVLLGDAAHAIVPFFGQGMNAGFEDCLVFDELMDKFSNDLSLCLPV  
 FSRLRIPDDHAISDLSMYNYIEMRAHVNSSWFIFQKNMERFLHAIMPSTFIPLYTMVTF  
 SRIRYHEAVQRWHWQKKVINKGLFFLGSLIAISS TYLLIHYMSPRSFLRLRRPWNWIA  
 HFRNTTCFPAKAVDSLEQISNLISR

## GENE INFORMATION

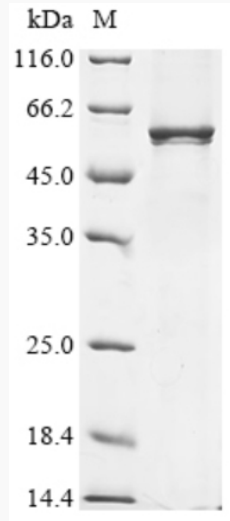
<b>Gene Name</b>	KMO kynurenine 3-monooxygenase (kynurenine 3-hydroxylase) [ Homo sapiens ]
<b>Official Symbol</b>	KMO
<b>Synonyms</b>	KMO; kynurenine 3-monooxygenase (kynurenine 3-hydroxylase); kynurenine 3-monooxygenase; kynurenine 3-hydroxylase; dJ317G22.1;
<b>Gene ID</b>	8564
<b>mRNA Refseq</b>	NM_003679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

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**SDS-PAGE**



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