

## Recombinant Human KMO protein, 10xHis-tagged

**Cat. No.** KMO-3142H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KMO protein(O15229)(1-486aa), fused with N-terminal 10xHis tag, was expressed in E. coli.                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-486aa                                                                                                                                                                                                                                                                                                            |
| <b>Tag</b>              | N-10xHis                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 61.9 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 concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

MDSSVIQRKKVAVIGGGLVGS LQACFLAKRNFQIDVYEAREDTRVATFTRGRSINLAL  
SHRGRQALKAVGLEDQIVSQGIPMRARMIHSLSGKKS AIPYGTKSQYILSVSRENLNK  
DLLTAAEKYPNVKMHFNHRL LKCNPEEGMITVLGSDKVPKDVTCDLIVGCDGAYSTV  
RSHLMKKPRFDYSQQYIPHG YMELTIPPKNGDYAMEPNYLHIWPRNTFMMIALPNM  
NKSFTCTLFMPFEEFEKLLT SNDVVDFFQKYFPDAIPLIGEKL LVQDFFLLPAQPMISV  
KCSSFHFKSHCVLLGDAAHA IVPFFGQGMNAGFEDCLVDFELMDKFSNDLSLCLPV  
FSRLRIPDDHAISDL SMYNYIEMRAHVNSSWFIFQKNMERFLHAIM PSTFIPLYTMVTF  
SRIRYHEAVQRWHWQKKV INKGLFFLGSLIAISSTYLLIHYMSPRSFLRLRRPWNWIA  
HFRNTTCFPAKAVDSLEQ ISNLISR

**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                                                                                                                        |

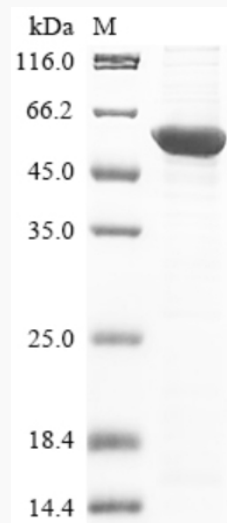
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SDS-PAGE



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