

Recombinant Rat Kmo protein, His-SUMO-tagged

Cat. No. Kmo-3143R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Kmo protein(O88867)(1-384aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	1-384aa
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, pH 8.0.
Molecular Mass	59.5 kDa
AA Sequence	<p> MASSDTEGKRVVVIGGGLVGALNACFLAKRNFQVDVYEAREDIRVANFMRGRSINL ALSYRGRQALKAVGLEDQIVSKGVPMKARMIHSLSGKKS AIPYGNKSQYILSISREKL NKDLLTAVESYPNAKVHFGHKLSKCCPEEGILTMLGPNKVPRDITCDLIVGCDGAYS TVRAHLMKKPRFDYSQQYIPHYMELTIPPKNGEYAMEPNCLHIWPRNAFMMIALPN MDKSFTCTLFMSFEFEKLPHTSDVLDFFQKNFPDAIPLMGEQALMRDFFLLPAQPM ISVKCSPFHLKSRCLVMGDAAHAIVPFFGQGMNAGFEDCLVFDELMDKFNNDLSVC LPEFSRFRIPDDHAISDLSMYNYIEMRAHVNSRWFLFQRLLDK </p>
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [Kmo kynurenine 3-monooxygenase \(kynurenine 3-hydroxylase\) \[Rattus norvegicus \]](#)

Official Symbol [Kmo](#)

Synonyms KMO; kynurenine 3-monooxygenase (kynurenine 3-hydroxylase); kynurenine 3-monooxygenase; kynurenine 3-hydroxylase;

Gene ID [59113](#)

mRNA Refseq [NM_021593](#)

Protein Refseq [NP_067604](#)

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