

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	MASSDTEGKRVVVIGGGLVGALNACFLAKRNFQVDVYEAREDIRVANFMRGRSINL ALSYRGRQALKAVGLEDQIVSKGVPMKARMIHSLSGKKS AIPYGNKSQYILSISREKL NKDLLTAVESYPNAKVHFGHKLSKCCPEEGILTMLGPNKVPRDITCDLIVGCDGAYS TVRAHLMKKPRFDYSQQYIPHYGMELTIPPKNGEYAMEPNCLHIWPRNAFMMIALPN MDKSFTCTLFMSFEEFEKLPTHSDVLDFFQKNFPDAIPLMGEQALMRDFFLLPAQPM ISVKCSPFHLKSRCLVMGDAAHAIVPFFGQGMNAGFEDCLVFDELMDKFNNDLSVC LPEFSRFRIPDDHAISDLSMYNYIEMRAHVNSRWFLFQRLLDK
Purity	Greater than 90% as determined by SDS-PAGE.

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

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple 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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