

Recombinant Rat Kmo protein, His & T7-tagged

Cat. No. Kmo-1559R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Kmo aa. (Met1~Ala282 (Accession # O88867)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Ala282
Description	Human homolog is an NADPH-dependent flavin monooxygenase that catalyzes the hydroxylation of L-kynurenine to form L-3-hydroxykynurenine.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

Isoelectric Point

8.9

GENE INFORMATION

Gene Name

[Kmo kynurenine 3-monooxygenase \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Kmo](#)

Synonyms

Kmo; kynurenine 3-monooxygenase; kynurenine 3-hydroxylase

Gene ID

[59113](#)

mRNA Refseq

[NM_021593.1](#)

Protein Refseq

[NP_067604.1](#)

UniProt ID

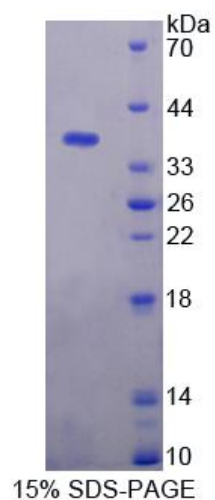
[O88867](#)

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SDS-PAGE



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