

## Recombinant Human KMO cell lysate

Cat. No. KMO-951HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	Kynurenine 3-monooxygenase (KMO; EC 1.14.13.9) is an NADPH-dependent flavin monooxygenase that catalyzes the hydroxylation of the L-tryptophan metabolite L-kynurenine to form L-3-hydroxykynurenine.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">KMO kynurenine 3-monooxygenase (kynurenine 3-hydroxylase) [ Homo sapiens ]</a>
<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>	<a href="#">8564</a>
<b>mRNA Refseq</b>	<a href="#">NM_003679</a>

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<b>Protein Refseq</b>	NP_003670
<b>MIM</b>	603538
<b>UniProt ID</b>	O15229
<b>Chromosome Location</b>	1q42-q44
<b>Pathway</b>	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; NAD biosynthesis II (from tryptophan), organism-specific biosystem; NAD biosynthesis II (from tryptophan), conserved biosystem; Selenium Pathway, organism-specific biosystem; Tryptophan catabolism, organism-specific biosystem;
<b>Function</b>	NAD(P)H oxidase activity; electron carrier activity; flavin adenine dinucleotide binding; kynurenine 3-monooxygenase activity; monooxygenase activity;

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