Recombinant Human KMO cell lysate

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

SPECIFICATION

Product Overview	
Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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

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mRNA Refseq	NM_003679
Protein Refseq	NP_003670
MIM	603538
UniProt ID	O15229
Chromosome Location	1q42-q44
Pathway	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;
Function	NAD(P)H oxidase activity; electron carrier activity; flavin adenine dinucleotide binding; kynurenine 3-monooxygenase activity; monooxygenase activity;

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