

Recombinant Human ENOPH1, His-tagged

Cat. No. ENOPH1-12454H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENOPH1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-261a.a.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	ENOPH1 enolase-phosphatase 1 [Homo sapiens]
Official Symbol	ENOPH1
Synonyms	ENOPH1; enolase-phosphatase 1; enolase-phosphatase E1; acireductone synthase; E1; Enolase phosphatase E1; MASA; MASA homolog; 2,3-diketo-5-methylthio-1-phosphopentane phosphatase; MST145; FLJ12594; DKFZp586M0524;

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Gene ID	58478
mRNA Refseq	NM_021204
Protein Refseq	NP_067027
UniProt ID	Q9UHY7
Chromosome Location	4q21.3
Pathway	Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Metabolism of polyamines, organism-specific biosystem; Methionine salvage pathway, organism-specific biosystem; Methionine salvage pathway, organism-specific biosystem;
Function	2,3-diketo-5-methylthiopentyl-1-phosphate enolase activity; 2-hydroxy-3-keto-5-methylthiopentenyl-1-phosphate phosphatase activity; acireductone synthase activity; acireductone synthase activity; hydrolase activity; magnesium ion binding; phosphoglycolate

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