

Product datasheet for **AR09867PU-N**

ENOPH1 (1-261, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ENOPH1 (1-261, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MVVLSVPAEV TVILLDIEGT TPIAFVKDI LFPYIEENVK EYLQTHWEEECQQQDVSLLR KQAEEDAHLG AVPIPAASG NGVDDLQQMI QAVVDNVCWQ MSLDRKTTAL KQLQGHMWRA AFTAGRMKAE FFADVPAVR KWREAGMKVY IYSSGSVEAQ KLLFGHSTEG DILELVDGHF DTKIGHKVES ESYRKIADSI GCSTNNILFL TDVTREASAA EEADVHVAVV VRPGNAGLTD DEKTYYSLIT SFSELYLPSS T
Tag:	His-tag
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 100 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ENOPH1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001278946</u>
Locus ID:	58478
UniProt ID:	<u>Q9UHYZ, D6RA00</u>
Cytogenetics:	4q21.22
Synonyms:	E1; MASA; MST145; mtnC



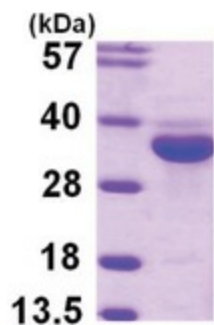
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Summary:

Bifunctional enzyme that catalyzes the enolization of 2,3-diketo-5-methylthiopentyl-1-phosphate (DK-MTP-1-P) into the intermediate 2-hydroxy-3-keto-5-methylthiopentyl-1-phosphate (HK-MTPenyl-1-P), which is then dephosphorylated to form the acireductone 1,2-dihydroxy-3-keto-5-methylthiopentene (DHK-MTPene).[UniProtKB/Swiss-Prot Function]

Protein Pathways:

Cysteine and methionine metabolism

Product images:

15% SDS-PAGE (3ug)