

Enolase-Phosphatase-1 Human Recombinant

Item Number	rAP-1507
Synonyms	Enolase-phosphatase E1, 2,3-diketo-5-methylthio-1-phosphopentane phosphatase, MASA homolog, ENOPH1, MASA, E1, MST145, FLJ12594, DKFZp586M0524.
Description	ENOPH1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 281 amino acids (1-261 a.a.) and having a molecular mass of 31kDa. The ENOPH1 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9UHY7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MVVLSVPAEV TVILLDIEGT TTPIAFVKDI LFPYIEENVK EYLQTHWEEE ECQQDVSLLR KQAEEDAHL D GAVPIPAASG NGVDDLQMI QAVVDNVCWQ MSLDRKTTAL KQLQGHMWRA AFTAGRMKAE FFADVPAVR KWREAGMKVY IYSSGSVEAQ KLLFGHSTEG DILELVDGHF DTKIGHKVES ESYRKIADSI GCSTNNILFL TDVTREASAA EEADVHVAVV VRPGNAGLTD DEKTYYSLIT SFSELYLPSS T.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The ENOPH1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**