

## 32-2310: ENOPH1 Recombinant Protein

**Alternative Name :** Enolase-phosphatase E1,2,3-diketo-5-methylthio-1-phosphopentane phosphatase,MASA homolog,ENOPH1,MASA,E1,MST145,FLJ12594,DKFZp586M0524.

### Description

Source : Escherichia Coli. 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. Enolase-phosphatase E1 (ENOPH1) belongs to the MasA family of the HAD (halo-acid dehalogenase)-like hydrolase superfamily. ENOPH1 is a bifunctional enzyme which demonstrates both phosphatase and atypical enolase activities. ENOPH1 has a significant role in the ubiquitous methionine salvage pathway which is a biochemical pathway found in all organisms that regulate methionine levels in the cell.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The ENOPH1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.  
**Storage condition :** ENOPH1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MVVLSVPAEV TVILLDIEGT TTPIAFVKDI LFPYIEENVK EYLQTHWEEE  
 ECQQDVSLLR KQAEEDAHLG GAVPIPAASG NGVDDLQQMI QAVVDNVCWQ MSLDRKTTAL  
 KQLQGHMWRA AFTAGRMKAE FFADVPAVR KWREAGMKVY IYSSGSVEAQ KLLFGHSTEG  
 DILELVDGHF DTKIGHKVES ESYRKIADSI GCSTNNILFL TDVTREASAA EEADVHVAVV VRPGNAGLTD  
 DEKTYYSLIT SFSELYLPSS T.

