

RPPB1612

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## Product Information    Protein Information

**Product SKU:**

RPPB1612

**Accession:**

P06733

**Host:**

Escherichia Coli.

**Protein description:**

The ENO1 Human Recombinant protein is a single, non-glycosylated polypeptide chain produced in E. coli, having a molecular weight of 47.1kDa and containing 434 amino acids (1-434 a.a.).

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

NNE, PPH, MPB1, MBP-1, ENO1L1, ENO1, Alpha-Enolase, Enolase-Alpha, 2-phospho-D-glycerate hydrolyase, Non-neural enolase, Enolase 1, MPB-1, Phosphopyruvate hydratase, C-myc promoter-binding protein, Plasminogen-binding protein, MBPB1.

**Formulation:**

The ENO1 protein solution (1mg/ml) is formulated in 20mM Tris-HCl pH-7.5 1mM MgSO4 and 10% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MSILKIHARE IFDSRGNPTV EVDLFTSKGL FRAAVPSGAS TGIYEALER DNDKTRYMGK GVS KAVEHIN  
KTIAPALVSK KLNVTQEKI DKLMIEMDGT ENKSKFGANA ILGVSLAVCK AGAVEKGVPL YRHIADLAGN  
SEVILPVPF NVINGGSHAG NKLAMQEFMI LPVGAANFRE AMRIGAEVYH NLKNVIKEY GKDATNVGDE  
GGFAPNILEN KEGLELLKTA IGKAGYTDKV VIGMDVAASE FFRSGKYDLD FKSPDDPSRY ISPDQLADLY  
KSFIDYPPV SIEDPFDQDD WGAWQKFTAS AGIQVVGDDL TVTNPKRIAK AVNEKSCNCL LLKVNQIGSV  
TESLQACKLA QANGWGMVS HRSGETEDTF IADLVVGLCT GQIKTGAPCR SERLAKYNQL LRIIEELGSK  
AKFAGRNFN PLAK.

**Biological Activity:**

Specific activity is > 20,000pmol/min/ug, and was obtained by measuring the decrease of NAD in absorbance at 340nm resulting from NADH at pH 6.5 at 37°C.