

Mouse ENO1 Recombinant Protein



RPPB1613

Product Information Protein Information

Product SKU:

RPPB1613

Accession:

P17182

Host:

Escherichia Coli.

Protein description:

ENO1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 457 amino acids (1-434 a.a) and having a molecular mass of 24kDa. ENO1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

0610008I15, AL022784, Eno-1, MBP-1, Alpha-enolase, 2-phospho-D-glycerate hydro-lyase, Enolase 1, Non-neural enolase, NNE, Eno1.

Formulation:

ENO1 protein solution (1mg/ml) containing 20mM Tris-Hcl buffer (pH8.5), 40% glycerol and 0.1M NaCl.

Purity:

Greater than 90.0% 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:

MGSSHHHHHH SSSLVPRGSH MGSMSILRIH AREIFDSRGN PTVEVDLYTA KGLFRAAVPS GASTGIYEAL
ELRDNDKTRF MGKGVSQAVE HINKTIAPAL VSKKVVNVEQ EKIDKLMIE M DG TENKSKFG ANAILGVSLA
VCKAGAVEKG VPLYRHIADL AGNPEVILPV PAFNVINGGSHAGNKLAMQE FMILPVGASS FREAMRIGAE
VYHNLKNVIK EKYGKDATNV GDEGGFAPNI LENKEALELL KTAIAKAGYT DQVWIGMDVA ASEFYRSGKY
DLDFKSPDDP SRYITPDQLA DLYKSFVQNY PVVSIEDPFD QDDWGAWQKF TASAGIQVVG DDLTVTNPKR
IAKAAASEKSCNCLLLKVNQI GSVTESLQAC KLAQSNGWGV MVSHRSGETE DTFIADLVVG LCTGQIKTGA
PCRSERLAKY NQILRIEEL GSKAKFAGRS FRNPLAK

Biological Activity:

Specific activity is greater than 6,000 pmol/min/ug, and is defined as the amount of enzyme that convert 1.0 pmole of 2-phosphoglycerate to phosphoenolpyruvate per minute at pH 6.5 at 37C in a couple system with PK and LDH.