

# Mouse ENO2 Recombinant Protein



RPPB1616

## Product Information Protein Information

### Product SKU:

RPPB1616

### Accession:

P17183

### Host:

Escherichia Coli.

### Protein description:

ENO2 Mouse Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 457 amino acids (1-434) and having a molecular mass of 49.7kDa. ENO2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered clear colorless solution.

### Synonyms:

AI837106, D6Ert375e, Eno-2, NSE, 2-phospho-D-glycerate hydro-lyase, Enolase 2, Neural enolase, Neuron-specific enolase.

### Formulation:

The ENO2 solution (1mg/ml) contains Phosphate Buffered Saline (pH7.4) and 10% glycerol.

### Purity:

Greater than 95% 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 SGLVPRGSH MGSMSEIKW AREILDSRGN PTVEVDLYTA KGLFRAAVPS GASTGIYEAL  
ELRDGDKQRY LGKGVKAVD HINSRIAPAL ISSGISVVEQ EKLDNLMLEL DGTEKSKFG ANAILGVSLA  
VCKAGAAERD LPLYRHIAQL AGNSDLILPV PAFNVINGGS HAGNKLAMQE FMILPVGAES FRDAMRLGAE  
VYHTLKGVK DKYGKDNTV GDEGGFAPNI LENSEALELV KEAIDKAGYT EKMVIGMDVA ASEFYRDGKY  
DLDFKSPADP SRYITGDQLG ALYQDFVRNY PVVSIEDPFD QDDWAAWSKF TANVGIQIVG DDLTVTNPKR  
IERAVEEKAC NCLLLKVNQI GSVTEAIQAC KLAQENGWGV MVSHRSGETE DTFIADLVVG LCTGQIKTGA  
PCRSERLAKY NQLMRIEEL GDEARFAGHN FRNPSVL.

### Biological Activity:

Specific activity is > 10,000 pmol/min/μg, and was obtained by measuring the decrease of NAD in absorbance at 340nm resulting from NADH at pH 6.5 at 37°C.