

GMP Recombinant Mouse Eno1 Protein, His-Tagged

Cat. No. Eno1-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Mouse Eno1 Protein, His-Tagged was expressed in Escherichia coli cell-derived in an animal component free process under cGMP guidelines.
Species	Mouse
Source	E.coli
Description	Enables RNA binding activity and phosphopyruvate hydratase activity. Acts upstream of or within cellular response to interleukin-7; in utero embryonic development; and positive regulation of binding activity. Is extrinsic component of plasma membrane. Is expressed in several structures, including alimentary system; genitourinary system; nervous system; respiratory system; and sensory organ. Human ortholog(s) of this gene implicated in Alzheimer's disease. Orthologous to human ENO1 (enolase 1).
Form	Lyophilized
AA Sequence	SILRIHAREIFDSRGNPTVEVDLYTAKGLFRAAVPSGASTGIYEALERDNDKTRFMG KGVSQAVEHINKTIAPALVSKKVNVEQEIKDKLMIEMDG TENKSKFGANAILGVSLA VCKAGAVEKGVPLYRHIADLAGNPEVILPVPAFNVINGGSHAGNKLAMQEFMILPVG ASSFREAMRIGAEVYHNLKNVIKEKYGKDATNVGDEGGFAPNILENKEALELLKTAIA KAGYTDQVVIGMDVAASEFYRSGKYDLDFKSPDDPSRYITPDQLADLYKSFVQNYP VVSIEDPFDQDDWGAWQKFTASAGIQVVGDDLTVTNPKRIAKAASEKSCNCLLLKVN QIGSVTESLQACKLAQSNGWGMVSHRSGETEDTFIADLVVGLCTGQIKTGAPCRS ERLAKYNQILRIEEELGSKAKFAGRSFRNPLAKwith polyhistidine tag at the N-terminu

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Endotoxin	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Notes	Please use within one month after protein reconstitution.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, containing 7 mM MgSO ₄ , pH 7.2
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

GENE INFORMATION

Gene Name	Eno1 enolase 1, alpha non-neuron [Mus musculus (house mouse)]
Official Symbol	Eno1
Synonyms	NNE; Eno-1; MBP-1
Gene ID	13806
mRNA Refseq	NM_001379127.1
Protein Refseq	NP_001366056.1

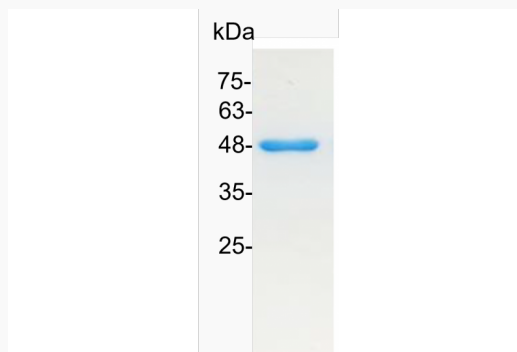
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