

Recombinant Mouse Eno3 Protein, MYC/DDK-tagged

Cat. No. Eno3-948M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse enolase 3, beta muscle (Eno3), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes one of the three enolase isoenzymes found in vertebrates. Enolase is a dimeric enzyme that converts 2-phosphoglycerate to phosphoenolpyruvate as part of the glycolytic pathway. This isozyme is found in skeletal muscle where it is involved in muscle development and regeneration. Alternative splicing results in multiple transcript variants.
Molecular Mass	47 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Eno3 enolase 3, beta muscle [Mus musculus (house mouse)]
Official Symbol	Eno3
Synonyms	Eno3; enolase 3, beta muscle; MSE; Eno-3; beta-enolase; 2-phospho-D-glycerate hydro-lyase; muscle-specific enolase; skeletal muscle enolase; EC 4.2.1.11
Gene ID	13808
mRNA Refseq	NM_007933
Protein Refseq	NP_031959
UniProt ID	P21550

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