

Product datasheet for TP506923

Eno3 (NM_007933) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse enolase 3, beta muscle (Eno3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206923 protein sequence Red=Cloning site Green=Tags(s)

MAMQKIFAREILDSRGNPTVEVDLHTAKGRFRAAVPSGASTGIYEALRLDGDKARYLGKGVLKAVEHIN
KTLGPALLEKKLSVVDQEKVDKFMIELDGTENKSKFGANAILGVSLAVCKAGAAEKGVPLRYHIADLAGN
PDLVLPVPFNVINGGSHAGNKLAMQEFMILPVGASSFKEAMRIGAEVYHHLKGVKAKYKGDATNVGDE
GGFAPNILENNEALELLKTAIQAGYDPKVVIGMDVAASEFYRNGKYDLDFKSPDDPARHISGEKLGELY
KNFIQNPVWSIEDPFDQDDWATWTSFSLSGVDIQIVGDDLTVTNPKRIAQAVEKKACNCLLLKVNQIGSV
TESIQACKLAQSNWGWVMVSHRSGETEDTFIADLVVGLCTGQIKTGAPCRSERLAKYNQLMRIEALGDK
AVFAGRKFRNPKAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	47 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_031959</u>
Locus ID:	13808



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UniProt ID: [P21550](#)

RefSeq Size: 1606

Cytogenetics: 11 43.21 cM

RefSeq ORF: 1305

Synonyms: Eno; Eno-3; MSE

Summary: 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. [provided by RefSeq, Jan 2013]