

Human recombinant protein Beta-Enolase
Human Recombinant Beta-Enolase
Catalog # PBV10601r**Specification**

Human recombinant protein Beta-Enolase - Product info

Primary Accession	P13929
Concentration	0.5
Calculated MW	49 kDa (454 aa, 1-434 aa + NT His Tag)
	KDa

Human recombinant protein Beta-Enolase - Additional Info

Gene ID	2027
Gene Symbol	ENO3
Other Names	
ENO3, MSE	
Gene Source	Human
Source	E. Coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	>1.5 units/ml
Sequence	MGSSHHHHHH SSGLVPRGSH MAMQKIFARE ILDSRGNPTV EVDLHTAKGR FRAAVPSGAS TGIYEALELR DGDKGRLGK GVLKAVENIN STLGPALLQK KLSVADQEKV DKFMIELDGT ENKSKFGANA ILGVSLAVCK AGAAEKGVPL YRHIADLAGN PDLILPVPF NVINGGSHAG NKLAMQEFMI LPVGASSFKE AMRIGAEVYH HLKGVIAKY GKDATNVGDE GGFAPNILEN NEALELLKTA IQAAGYPDKV VIGMDVAASE FYRNGKYDLF FKSPDDPARH ITGEKLGELY KSFKNYPVV SIEDPFDQDD WATWTSFLSG VNIQIVGDDL TVTNPKRIAQ AVEKKACNCL LLKVNQIGSV TESIQAACKLA QSNWGWGMVS HRSGETEDTF IADLVVGLCT GQIKTGAPCR SERLAKYNQL MRIEEALGDK AIFAGRKFRN PKAK

Format
Liquid**Storage**
-80°C; 0.5 mg/ml solution in 20 mM Tris-HCl (pH 8.0) containing 1 mM DTT, 20% glycerol and 0.1 mM NaCl.**Human recombinant protein Beta-Enolase - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human recombinant protein Beta-Enolase - Images

Human recombinant protein Beta-Enolase - Background

Beta-enolase, also known as ENO3, is one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in skeletal muscle cells in the adult. ENO3 play a role in converting phosphoglyceric acid to phosphoenolpyruvic acid in the glycolytic pathway. Mutations in its gene can be associated with metabolic myopathies that may result from decreased stability of the enzyme. Recombinant human ENO3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Human recombinant protein Beta-Enolase - References

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Cali L.,et al.Nucleic Acids Res. 18:1893-1893(1990).
Peshavaria M.,et al.Biochem. J. 275:427-433(1991).
Giallongo A.,et al.Eur. J. Biochem. 214:367-374(1993).
Ota T.,et al.Nat. Genet. 36:40-45(2004).