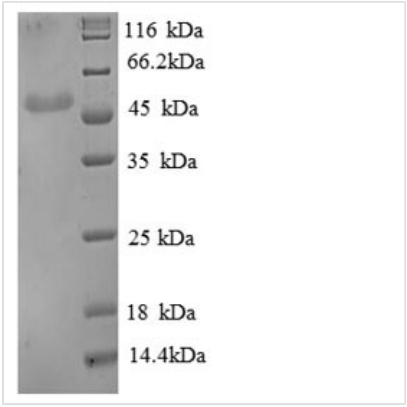
Recombinant Human Beta-enolase (ENO3), partial

Product Code	CSB-RP131674h
Relevance	Appears to have a function in striated muscle development and regeneration.
Abbreviation	Recombinant Human ENO3 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P13929
Alias	2-phospho-D-glycerate hydro-lyase;Enolase 3Muscle-specific enolase ;MSESkeletal muscle enolase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	FAREILDSRGNPTVEVDLHTAKGRFRAAVPSGASTGIYEALELRDGDKGRYLG KGVLKAVENINNTLGPALLQKKLSVVDQEKVDKFMIELDGTENKSKFGANAILG VSLAVCKAGAAEKGVPLYRHIADLAGNPDLILPVPAFNVINGGSHAGNKLAMQ EFMILPVGASSFKEAMRIGAEVYHHLKGVIKAKYGKDATNVGDEGGFAPNILEN NEALELLKTAIQAAGYPDKVVIGMDVAASEFYRNGKYDLDFKSPDDPARHITGE KLGELYKSFIKNYPVVSIEDPFDQDDWATWTSFLSGVNIQIVGDDLTVTNPKRIA QAVEKKACNCLLLKVNQIGSVTESIQACKLAQSNGWGVMVSHRSGETEDTFIA DLVVGLCTGQIKTGAPCRSERLAKYNQLMRIEEALGDKAIFAGRKFRNPK
Research Area	Metabolism
Source	E.coli
Target Names	ENO3
Expression Region	7-432aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	50.1kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Dive into the complex world of metabolic research with our high-quality Recombinant Human ENO3 protein. Beta-enolase, also known as 2-phospho-D-glycerate hydro-lyase, Enolase 3, Muscle-specific enolase, or Skeletal muscle enolase, plays a vital role in glycolysis and glucose metabolism. This protein is essential for energy production in skeletal muscles and serves as an important biomarker in various pathological conditions.

Our Recombinant Human ENO3 protein, expressed in E. coli, features a partial construct that covers the 7-432aa region, ensuring the availability of crucial domains for your metabolic research. The N-terminal 6xHis-tag facilitates efficient protein purification and identification, simplifying your experimentation process. With a purity greater than 90% as determined by SDS-PAGE, our Recombinant Human ENO3 protein is supplied in a lyophilized powder format, guaranteeing you a high-quality product for your research needs.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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