

Recombinant human Beta-enolase

Catalog No: #AP72206



Package Size: #AP72206-1 20ug #AP72206-2 100ug #AP72206-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | Recombinant human Beta-enolase |
| Brief Description | Recombinant Protein |
| Host Species | E.coli |
| Purification | Greater than 90% as determined by SDS-PAGE. |
| Immunogen Description | Expression Region:7-432aaSequence Info:Partial |
| Other Names | 2-phospho-D-glycerate hydro-lyase;Enolase 3Muscle-specific enolase ;MSESkeletal muscle enolase |
| Accession No. | P13929 |
| Uniprot | P13929 |
| GeneID | 2027; |
| Calculated MW | 50.1 kDa |
| Tag Info | N-terminal 6xHis-tagged |
| Target Sequence | FAREILDSRGNPTVEVDLHTAKGRFRAAVPSGASTGIYEALELRDGDGKGRYLGKGVLKAVENINNTLGPALLQK KLSVVDQEKVDKFMIELDGTENKSKFGANAILGVSLAVCKAGAAEKGVPLYRHIADLAGNPDILPVPFNVING GSHAGNKLAMQEFMILPVGASSFKEAMRIGAEVYHHLKGVKAKYKGDATNVGDEGGFAPNILENNEALELLK TAIQAAGYPDKVVIGMDVAASEFYRNGKYDLDFKSPDDPARHITGEKLGELYKSFINKYPVVSIEDPFDQDDWA TWTSFLSGVNIQIVGDDLTVTNPKRQAQAVEKKACNCLLLKVNQIGSVTESIQACKLAQSNGWGMVSHRSGE TEDTFIADLVVGLCTGQIKTGAPCRSERLAKYNQLMRIIEALGDKAIFAGRKFRNPK |
| Formulation | Tris-based buffer50% glycerol |
| 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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

Background

Appears to have a function in striated muscle development and regeneration.

References

Structural features of the human gene for muscle-specific enolase. Differential splicing in the 5'-untranslated sequence generates two forms of mRNA.Giallongo A., Venturella S., Oliva D., Barbieri G., Rubino P., Feo S.Eur. J. Biochem. 214:367-374(1993)Research Topic:Metabolism

Note: This product is for in vitro research use only