

Recombinant Mouse Alpha-enolase(Eno1),partial

Catalog No: #AP70272

Package Size: #AP70272-1 20ug #AP70272-2 100ug #AP70272-3 1mg

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Description

Product Name	Recombinant Mouse Alpha-enolase(Eno1),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-433aaSequence Info:Partial
Other Names	2-phospho-D-glycerate hydro-lyase;Enolase 1Non-neural enolase ;NNE
Accession No.	P17182
Calculated MW	50.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SILRIHAREIFDSRGNPTVEVDLYTAKGLFRAAVPSGASTGIYEALERDNDKTRFMGKGVSQAVEHINKTIAPA LVSKKVNVEQEKIDKLMIEDGTENKSKFGANAILGVSLAVCKAGAVEKGVPLYRHIADLAGNPEVILPVPFNF VINGGSHAGNKLAMQEFMILPVGASSFREAMRIGAEVYHNLKNVIKEKYGKDATNVGDEGGFAPNILENKEAL ELLKTAIAKAGYTDQVVIGMDVAASEFYRSGKYDLDFKSPDDPSRYITPDQLADLYKSFVQNYPVVSIEDPFQD DDWGAWQKFTASAGIQVVGDDLVTNPKRIAKAASEKSCNCLLLKVNQIGSVTESLQACKLAQSNQGWGMVMS HRSGETEDTFIADLVVGLCTGQIKTGAPCRSERLAKYNQILRIEELGSKAKFAGRSFRNPLA
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

Multifunctional enzyme that, as well as its role in glycolysis, plays a part in various processes such as growth control, hypoxia tolerance and allergic responses . May also function in the intravascular and pericellular fibrinolytic syst due to its ability to serve as a receptor and activator of plasminogen on the cell surface of several cell-types such as leukocytes and neurons. Stimulates immunoglobulin production .

References

SIRT5-mediated lysine desuccinylation impacts diverse metabolic pathways.Park J., Chen Y., Tishkoff D.X., Peng C., Tan M., Dai L., Xie Z., Zhang Y., Zwaans B.M., Skinner M.E., Lombard D.B., Zhao Y.Mol. Cell 50:919-930(2013)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.