

Alpha-enolase Recombinant Protein | Eno1 recombinant protein

Recombinant Mouse Alpha-enolase

CATALOG # AAA113532	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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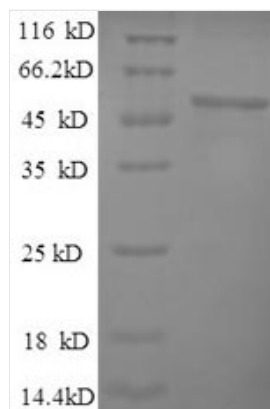
PRODUCT SYNONYMS

Alpha-enolase; Recombinant Mouse Alpha-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 1; Non-neural enolase; NNE; Eno1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-433. Partial
Sequence	SILRIHAREI FDSRGNPTVE VDLYTAKGLF RAAVPSGAST GIYEALRLD NDKTRFMGKG VSQAVEHINK TIAPALVSKK VNVVEQEKID KLMIEMDGTE NKSKEFGANAI LGVSLAVCKA GAVEKGVPLY RHIADLAGNP EVILPVPAFN VINGGSHAGN KLAMQEFMIL PVGASSFREA MRIGAEVYHN LKNVIKEKYG KDATNVGDEG GFAPNILENK EALELLKTAI AKAGYTDQVV IGMDVAASEF YRSGKYDLDF KSPDDPSRYI TPDQLADLYK SFVQNYPVVS IEDPFDQDDW GAWQKFTASA GIQVVGDDLT VTNPKRIAKA ASEKSCNCLL LKVNQIGSVT ESLQACKLAQ SNGWGVVMVSH RSGETEDTFI ADLVVGLCTG QIKTGAPCRS ERLAKYNQIL RIEEELGSKA KFAGRSFRNP LA
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Eno1 recombinant protein	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 system 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.
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References	Nucleotide sequences of cDNAs alpha and gamma enolase mRNAs from mouse brain.Kaghad M., Dumont X., Chalon P., Lelias J.M., Lamande N., Lucas M., Lazar M., Caput D.Nucleic Acids Res. 18:3638-3638(1990) Lubec G., Kang S.U., Klug S., Yang J.W., Zigmund M., Sunyer B., Chen W.-Q.Submitted (JAN-2009) to UniProtKB Cholesteryl ester loading of mouse peritoneal macrophages is associated with changes in the expression or modification of specific cellular proteins, including increase in an alpha-enolase isoform.Bottalico L.A., Kendrick N.C., Keller A., Li Y., Tabas I.Arterioscler. Thromb. 13:264-275(1993) Biochemical characterization of the mouse muscle-specific enolase developmental changes in electrophoretic variants and selective binding to other proteins.Merkulova T., Lucas M., Jabet C., Lamande N., Rouzeau J.-D., Gros F., Lazar M., Keller A.Biochem. J. 323:791-800(1997) Fibre-type distribution and subcellular localisation of alpha and beta enolase in mouse striated muscle.Keller A., Demeurie J., Merkulova T., Geraud G., Cywiner-Golenzner C., Lucas M., Chatelet F.-P.Biol. Cell 92:527-535(2000) Proteomic identification of proteins conjugated to ISG15 in mouse and human cells.Giannakopoulos N.V., Luo J.K., Papov V., Zou W., Lenschow D.J., Jacobs B.S., Borden E.C., Li J., Virgin H.W., Zhang D.E.Biochem. Biophys. Res. Commun. 336:496-506(2005) Large-scale identification and evolution indexing of tyrosine phosphorylation sites from murine brain.Ballif B.A., Carey G.R., Sunyaev S.R., Gygi S.P.J. Proteome Res. 7:311-318(2008) 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)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	70794816
NCBI GeneID	433182
NCBI Accession #	NP_001020559.1
NCBI GenBank Nucleotide #	NM_001025388.1
UniProt Accession #	P17182; Q99KT7; Q9DCY7
Molecular Weight	50.9 kDa
NCBI Official Full Name	enolase 1B, retrotransposed
NCBI Official Synonym Full Names	enolase 1B, retrotransposed
NCBI Official Symbol	Eno1b
NCBI Official Synonym Symbols	Eno1; Gm5506; EG433182
NCBI Protein Information	enolase 1B, retrotransposed
UniProt Protein Name	Alpha-enolase
UniProt Gene Name	Eno1
UniProt Synonym Gene Names	Eno-1; NNE
UniProt Entry Name	ENOA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/eno1-recombinant-protein-e-coli/113532>