Enolase (eno) Streptococcus Thermophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Enolase (eno), Recombinant Protein
Full Product Name	Recombinant Streptococcus thermophilus Enolase (eno)
Product Gene Name	eno recombinant protein
Product Synonym Gene Name	eno
Sequence	MSIITDVYAR EVLDSRGNPT LEVEVYTESG AFGRGMVPSG ASTGEHEAVE LRDGDKARYG GLGTQKAVDN VNNVIAEHII GFDVRDQQGI DRAMIALDGT PNKGKLGANA ILGVSIAVAR AAADYLEVPL YSYLGGFNTK VLPTPMMNII NGGSHSDAPI AFQEFMIVPA GAPTFKEALR WGAEIFHALK KILKERGLET AVGDEGGFAP RFDGTEDGVE TIIKAIEAAG YVPGKDVFIG LDCASSEFYD AERKVYDYTK FEGEGAAVRT AAEQIDYLEE LVNKYPIITI EDGMDENDWD GWKALTERLG DKVQLVGDDF FVTNTAYLEK GIAEHAANSI LIKVNQIGTL TETFDAIEMA KEAGYTAVVS HRSGETEDST IADIAVATNA GQIKTGSLSR TDRIAKYNQL LRIEDQLGEV AEYRGLKSFY NLKK
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	47,036 Da
Sequence Positions	1-434, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q5M561
Species	Streptococcus thermophilus (strain BAA-250 / LMG 18311)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for eno recombinant protein	MBS1319389 is a recombinant protein targeting eno. Also known as Recombinant Streptococcus thermophilus Enolase (eno). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of eno recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for eno. It may not necessarily be applicable to this product.

NCBI GI #	499544925
NCBI Accession #	WP_011225708.1
UniProt Primary Accession #	Q5M561
GenBank Nucleotide #	WP_011225708.1

NCBI Official Full Name	enolase
UniProt Protein Name	Enolase
UniProt Synonym Protein Names	2-phospho-D-glycerate hydro-lyase
Protein Family	Enolase
UniProt Gene Name	eno
UniProt Comments for eno	Catalyzes the reversible conversion of 2-phosphoglycerate into phosphoenolpyruvate. It is essential for the degradation of carbohydrates via glycolysis.
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Online datasheet: https://www.mybiosource.com/recombinant-protein/enolase-eno/1319389