# Enolase (eno) Haemophilus Somnus Recombinant Protein

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | Enolase (eno), Recombinant Protein |
| **Full Product Name** | Recombinant Haemophilus somnus Enolase (eno) |
| **Product Gene Name** | eno recombinant protein |
| **Product Synonym Gene Name** | eno |
| **Sequence** | MAKIVKVIGR EIIDSRGNPT VEAEVHLEGG FVGLAAAPSG ASTGSREALE LRDGDKARFL GKGVLKAVSA VNNEIATALV GKEASNQAEI DQIMIELDGT ENKSKFGANA ILAVSLANAK AAAASKGMPL YAWIAELNGT PGVYSMPLPM MNIINGGEHA DNNVDIQEFM IQPVGAKTLK EALRIGAEVF HNLAKVLKGK GLSTAVGDEG GFAPNLESNA AALACIKEAV EKAGYVLGKD VTLAMDCASS EFYNKENGMY EMKGEGKSFT SQEFTHYLEG LCKEYPIVSI EDGQDESDWD GFAYQTKVLG DKVQLVGDDL FVTNTKILKE GIEKGIANSI LIKFNQIGSL TETLAAIKMA KDAGYTAVIS HRSGETEDAT IADLAVGTAA GQIKTGSMSR SDRIAKYNQL IRIEEALGEK APFLGLKAVK GQA |
| **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** | 45,785 Da |
| **Sequence Positions** | 1-433, 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 Q0I1Z1 |
| **Species** | Haemophilus somnus (strain 129Pt) (Histophilus somni (strain 129Pt)) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for eno recombinant protein** | MBS1313953 is a recombinant protein targeting eno. Also known as Recombinant Haemophilus somnus 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 #** | 499927984 |
| **NCBI Accession #** | WP_011608718.1 |
| **UniProt Primary Accession #** | Q0I1Z1 |
| **GenBank Nucleotide #** | WP_011608718.1 |

| | |
|---|---|
| **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. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/enolase-eno/1313953