Elongation Factor 1-Delta (EEF1D) Sheep Recombinant Protein

PRODUCT OVERVIEW

Product Name	Elongation factor 1-delta (EEF1D), Recombinant Protein
Full Product Name	Recombinant Sheep Elongation factor 1-delta (EEF1D)
Product Gene Name	EEF1D recombinant protein
Product Synonym Gene Name	EEF1D
Sequence	ATNFLVHEKI WFDKFKYDDA ERKFYEQMNG PVAGSSRQEN GASVILRDIA RARENIQKSL AGSAGPGASS GPSGDHSELV TRIASLEVEN QSLRGVVQDL QQAVSKLEAR LSALEKSSPA HRATTPQTQH VSPMRQVEPP SRKAATATED DEDDDIDLFG SDEEEDKEAA RLREERLRQY AEKKAKKPAL VAKSSILLDV KPWDDETDMA QLEACVRSVQ LDGLVWGSSK LVPVGYGIRK LQIQCVVECR WGRPLERSHQ VEEHVQSVDI AAFNKI
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	30,821 Da
Sequence Positions	2-277, 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 Q717R8
Species	Sheep
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for EEF1D recombinant protein	This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit functions as guanine nucleotide exchange factor. It is reported that this subunit interacts with HIV-1 Tat, and thus it represses the translation of host-cell, but not HIV-1, mRNAs. Several alternatively spliced transcript variants encoding multiple isoforms have been found for this gene.
Other Notes	Small volumes of EEF1D 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.
Searchable Terms for EEF1D purchase	MBS1354988 is a recombinant protein targeting EEF1D. Also known as Recombinant Sheep Elongation factor 1-delta (EEF1D). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EEF1D. It may not necessarily be applicable to this product.

NCBI GI #	57164211
NCBI GeneID	443504
NCBI Accession #	NP_001009449.1

UniProt Primary Accession #	Q717R8
UniProt Related Accession #	Q717R8
GenBank Nucleotide #	NM_001009449.1
NCBI Official Full Name	elongation factor 1-delta
NCBI Official Symbol	EEF1D
NCBI Official Synonym Symbols	EF-1; delta
UniProt Protein Name	Elongation factor 1-delta
Protein Family	Elongation factor
UniProt Gene Name	EEF1D
UniProt Synonym Gene Names	EF-1-delta
NCBI Protein Information	elongation factor 1-delta
UniProt Comments for EEF1D	EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP.
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.
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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.

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