Eukaryotic Peptide Chain Release Factor Subunit 1 (eRF1) Didinium Nasutum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic peptide chain release factor subunit 1 (eRF1), Recombinant Protein
Full Product Name	Recombinant Didinium nasutum Eukaryotic peptide chain release factor subunit 1 (eRF1)
Product Gene Name	eRF1 recombinant protein
Product Synonym Gene Name	eRF1
Sequence	MIQSEEDLEY ERNVEMFRLK RLIAKLESMK GSGTSMITLI INFKDQINIH ARMLAEEVGK ASNIKSRVTR QNVTDALTST LEKLKLYNKT PPNGLVIFCG LVQQEDGGEK MIKIDLEPFK PINTTLYKCD SVFHTEEVRK LLEDNDKFGF IIMDGNGSLF GTLQGSTRTV LLKFNVDLPK KHGRGGQSAN RFARIRIEKR RNYLRKVAES TTACFITNDM PNVKGLILAG SAEFKNDLQK SDLFDLRLQP IVIKLVDISY GGENGFNQAI ELSSDALKSV KFIHEKKVIG KFFDEIAKDT GKYVFGIKDT LEAMDMGSVD ILIIYENLEY NRLILRDAND NIVNETLHKN KCPSGSKYKN ETTGVEYEVL DNIPLTEWFM DNYKKYVSHL EIVTDKSSEG SQFLKGFGGI GGILRYKMDT DFDDTENNNE WNDDDFI
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	49,712 Da
Sequence Positions	1-437, 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 Q5CD97
Species	Didinium nasutum
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for eRF1 recombinant protein	MBS1314985 is a recombinant protein targeting eRF1. Also known as Recombinant Didinium nasutum Eukaryotic peptide chain release factor subunit 1 (eRF1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of eRF1 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 eRF1. It may not necessarily be applicable to this product.

NCBI GI #	68565404
NCBI Accession #	Q5CD97.1
UniProt Primary Accession #	Q5CD97

NCBI Official Full Name	Eukaryotic peptide chain release factor subunit 1
UniProt Protein Name	Eukaryotic peptide chain release factor subunit 1
Protein Family	Eukaryotic peptide chain release factor
UniProt Gene Name	eRF1
UniProt Synonym Gene Names	Eukaryotic release factor 1; eRF1
UniProt Comments for eRF1	Directs the termination of nascent peptide synthesis (translation) in response to the termination codons UAA and possibly also UAG and UGA.
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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