Elongation Factor 1-Beta 1 (AT5G12110) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Elongation factor 1-beta 1 (At5g12110), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Elongation factor 1-beta 1 (At5g12110)
Product Gene Name	At5g12110 recombinant protein
Product Synonym Gene Name	At5g12110
Sequence	MAVTFSDLHT ERGLKTLEEH LAGKTYISGD QLSVDDVKVY AAVLENPGDG FPNASKWYDS VASHLAKSFP GKADGVRVGG GVAPPSEAHP HTEEPAADGD GDDDDDIDLF ADETEDEKKA AEEREAAKKD TKKTKESGKS SVLLEVKPWD DETDMKKLEE AVRSVQMPGL TWGASKLVPV GYGIKKLTIM MTIVDDLVSV DNLIEDHLTS EPNNEYIQSV DIVAFNKI
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	24,789 Da
Sequence Positions	1-228, 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 Q84WM9
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At5g12110 recombinant protein	MBS1312667 is a recombinant protein targeting At5g12110. Also known as Recombinant Arabidopsis thaliana Elongation factor 1-beta 1 (At5g12110). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At5g12110 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 At5g12110. It may not necessarily be applicable to this product.

NCBI GI #	15239877
NCBI GeneID	831084
NCBI Accession #	NP_196772.1
UniProt Primary Accession #	Q84WM9
UniProt Secondary Accession #	Q9SCX2; Q9SCX4

UniProt Related Accession #	Q84WM9
GenBank Nucleotide #	NM_121249.5
NCBI Official Full Name	elongation factor 1-beta 1
NCBI Official Symbol	AT5G12110
NCBI Official Synonym Symbols	MXC9.7; MXC9_7
UniProt Protein Name	Elongation factor 1-beta 1
UniProt Synonym Protein Names	Elongation factor 1-beta' 1; EF-1-beta' 1; Elongation factor 1B-alpha 1; eEF-1B alpha 1
Protein Family	Elongation factor
UniProt Gene Name	At5g12110
UniProt Synonym Gene Names	EF-1-beta 1; EF-1-beta' 1
NCBI Protein Information	elongation factor 1-beta 1
UniProt Comments for At5g12110	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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