Methionine Aminopeptidase 2 Homolog Chgg_09057 (Chgg_09057) (CHGG_09057) Chaetomium Globosum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methionine aminopeptidase 2 homolog CHGG_09057 (CHGG_09057), Recombinant Protein
Full Product Name	Recombinant Chaetomium globosum Methionine aminopeptidase 2 homolog CHGG_09057 (CHGG_09057)
Product Gene Name	CHGG_09057 recombinant protein
Product Synonym Gene Name	CHGG_09057
Sequence	MSGGESRSPD MSRAGDGCLG DGGDDEESDG DGGEVNPASA DAESTQKKRK KRNKKKSKKK SKADSPGEQS SPPRIPLDKL FPSGNFPEGE VLEYQATART TAAERRSNAR QHWEDDTFLR NYRKAAEIHR QTRRWVHETA KPGVSLYDIA VGIEDSVRAL LDNAGLETGE ALKSGMGFPT GLCLNNQVAH YTPNPGQKPV LLQEQDVLTV DFGVHINGWI VDSAFTTAFD PTYDNLLAAV KDATNTGVKT AGIDVRISDV SAAIQEVMES YEVEIRGKTY RVKPIRNLSG HNIHQYRIHG GKSIPFVKNR DQTKMEEGEV FAIETFGSTG RGYIVDDVGV YGYGLNHNAP LNVPVALPSA KRLHKTIREN FGTIVFCRRY LERLNVEKYL AGMNCLVQQG VVEEYGPLMD VKGSYSAQFE HTFLLRGTHK EVFSRGDDY
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	48,503 Da
Sequence Positions	1-439, 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 Q2GSJ7
Species	Chaetomium globosum (strain 6205 / CBS 148.51 / DSM 1962 / NBRC 6347 / NRRL 1970) (Soil fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CHGG_09057 recombinant protein	MBS1392495 is a recombinant protein targeting CHGG_09057. Also known as Recombinant Chaetomium globosum Methionine aminopeptidase 2 homolog CHGG_09057 (CHGG_09057). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CHGG_09057 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 CHGG_09057. It may not necessarily be applicable to this product.

NCBI GI #	116202345
NCBI GeneID	4395918

NCBI Accession #	XP_001226984.1
UniProt Primary Accession #	Q2GSJ7
UniProt Related Accession #	Q2GSJ7
GenBank Nucleotide #	XM_001226983.1
NCBI Official Full Name	hypothetical protein CHGG_09057
NCBI Official Symbol	CHGG_09057
UniProt Protein Name	Methionine aminopeptidase 2-1
UniProt Synonym Protein Names	Peptidase M
UniProt Gene Name	CHGG_09057
UniProt Synonym Gene Names	MAP 2-1; MetAP 2-1
NCBI Protein Information	hypothetical protein
UniProt Comments for CHGG_09057	Cotranslationally removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met-Ala-, Cys, Gly, Pro, Ser, Thr, or Val).
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