CLAVATA3/ESR (CLE)-Related Protein 4c (CLE-4C) Globodera Rostochiensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	CLAVATA3/ESR (CLE)-related protein 4C (CLE-4C), Recombinant Protein
Full Product Name	Recombinant Globodera rostochiensis CLAVATA3/ESR (CLE)-related protein 4C
Product Gene Name	CLE-4C recombinant protein
Sequence	TNKKGDEEPE NHSTGIFGKV GRVVTVALAM SSRLGGADAT RGGGAVYGGN LKSNQLPNNN WMAPPPPMAI RSAKVYDSKH SPAEYLKKFA QDFRRKTGMH SQRHHEETTL EQEKRVAGAG PDPIHH
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	15,924 Da
Sequence Positions	22-147, 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 D1FNK4
Species	Globodera rostochiensis (Golden nematode worm)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CLE-4C recombinant protein	MBS1225686 is a recombinant protein targeting CLE-4C. Also known as Recombinant Globodera rostochiensis CLAVATA3/ESR (CLE)-related protein 4C. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CLE-4C 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 CLE-4C. It may not necessarily be applicable to this product.

NCBI GI #	313471272
NCBI Accession #	D1FNK4.1
UniProt Primary Accession #	D1FNK4
NCBI Official Full Name	CLAVATA3/ESR (CLE)-related protein 4C
UniProt Protein Name	CLAVATA3/ESR (CLE)-related protein 4C
Protein Family	CLAVATA3/ESR (CLE)-related protein
UniProt Gene Name	CLE-4C

UniProt Comments for CLE-4C	Mimics host plant CLE extracellular signal peptides that regulate cell fate. May play a role in the differentiation or division of feeding cells (syncytia) induced in plant roots during infection.
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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