Subtilisin-Like Protease 5 (SUB5) Trichophyton Verrucosum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Subtilisin-like protease 5 (SUB5), Recombinant Protein
Full Product Name	Recombinant Trichophyton verrucosum Subtilisin-like protease 5 (SUB5)
Product Gene Name	SUB5 recombinant protein
Product Synonym Gene Name	SUB5
Sequence	VVVQQRKAPW GLSRLSNRRG GRNYVFDSSA GSGVWAYVVD SGVDVRHAEF QGRAVWGSNL VDNKNSDGTG HGTHVAGTIA GKTYGIAKKA KVVAVKVLNS EGKGPTSGII AGINWSIRHA RKHGMLQKSV LNMSLGGTYS AGLNHATAQA IKAGMFVSVS AGNDNINSNG NSPASERSVC TIAASTENDG KASFSNWGPA VDLYAPGHNI LSARPGGGSQ TMSGTSMAAP HAAGVAAYLI AKEGIPGNRA CLRLKQLSQP TIRNPGPDTT SRLLYNGSGR
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	41,763 Da
Sequence Positions	117-396, 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 Q5VJ73
Species	Trichophyton verrucosum
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SUB5 recombinant protein	MBS1345418 is a recombinant protein targeting SUB5. Also known as Recombinant Trichophyton verrucosum Subtilisin-like protease 5 (SUB5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SUB5 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 SUB5. It may not necessarily be applicable to this product.

NCBI GI #	74658658
NCBI Accession #	Q5VJ73.1
UniProt Primary Accession #	Q5VJ73
NCBI Official Full Name	Subtilisin-like protease 5
UniProt Protein Name	Subtilisin-like protease 5

Protein Family	Subtilisin-like protease
UniProt Gene Name	SUB5
UniProt Comments for SUB5	Secreted subtilisin-like serine protease with keratinolytic activity that contributes to pathogenicity.
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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