Pheromone-Processing Carboxypeptidase KEX1 (KEX1) Pichia Angusta Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pheromone-processing carboxypeptidase KEX1 (KEX1), Recombinant Protein
Full Product Name	Recombinant Pichia angusta Pheromone-processing carboxypeptidase KEX1 (KEX1), partial
Product Gene Name	KEX1 recombinant protein
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	69,724 Da
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 E7R7R2
Species	Pichia angusta (strain 26012 / NRRL Y-7560 / DL-1) (Yeast) (Hansenula polymorpha)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for KEX1 recombinant protein	MBS1226153 is a recombinant protein targeting KEX1. Also known as Recombinant Pichia angusta Pheromone-processing carboxypeptidase KEX1 (KEX1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of KEX1 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 KEX1. It may not necessarily be applicable to this product.

NCBI GI #	927381037
NCBI GeneID	25773986
NCBI Accession #	XP_013936369.1
UniProt Primary Accession #	E7R7R2
UniProt Secondary Accession #	A1IMC1; W1QIR9
UniProt Related Accession #	E7R7R2
GenBank Nucleotide #	XM_014080894.1
NCBI Official Full Name	Pheromone-processing carboxypeptidase KEX1
NCBI Official Symbol	HPODL_04558

UniProt Protein Name	Pheromone-processing carboxypeptidase KEX1
UniProt Synonym Protein Names	Carboxypeptidase D
Protein Family	Pheromone-processing carboxypeptidase
UniProt Gene Name	KEX1
NCBI Protein Information	Pheromone-processing carboxypeptidase KEX1
UniProt Comments for KEX1	Protease with a carboxypeptidase B-like function involved in the C-terminal processing of the lysine and arginine residues from protein precursors. Promotes cell fusion and is involved in the programmed cell death ().
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