Pheromone Alpha Factor Receptor (STE2) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pheromone alpha factor receptor (STE2), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Pheromone alpha factor receptor (STE2)
Product Gene Name	STE2 recombinant protein
Sequence	MSDAAPSLSN LFYDPTYNPG QSTINYTSIY GNGSTITFDE LQGLVNSTVT QAIMFGVRCG AAALTLIVMW MTSRSRKTPI FIINQVSLFL IILHSALYFK YLLSNYSSVT YALTGFPQFI SRGDVHVYGA TNIIQVLLVA SIETSLVFQI KVIFTGDNFK RIGLMLTSIS FTLGIATVTM YFVSAVKGMI VTYNDVSATQ DKYFNASTIL LASSINFMSF VLVVKLILAI RSRRFLGLKQ FDSFHILLIM SCQSLLVPSI IFILAYSLKP NQGTDVLTTV ATLLAVLSLP LSSMWATAAN NASKTNTITS DFTTSTDRFY PGTLSSFQTD SINNDAKSSL RSRLYDLYPR RKETTSDKHS ERTFVSETAD DIEKNQFYQL PTPTSSKNTR IGPFADASYK EGEVEPVDMY TPDTAADEEA RKFWTEDNNN L
Host	Cell Free Expression
Form/Format	Liquid containing glycerol
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.
Molecular Weight	47,849 Da
Sequence Positions	1-431aa; full length protein
3D Structure	ModBase 3D Structure for P0CI39
Species	Saccharomyces cerevisiae (Baker's yeast)
Product Categories/Family for STE2 recombinant protein	Transmembrane Protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Application Notes for STE2 recombinant protein	This is a recombinant transmembrane protein expressed in a cell-free expression system.
Related Product Information for STE2 recombinant protein	MBS7030580 is a recombinant protein targeting STE2. Also known as Recombinant Saccharomyces cerevisiae Pheromone alpha factor receptor (STE2). Host: Cell Free Expression.
Other Notes	Small volumes of STE2 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 STE2. It may not necessarily be applicable to this product.

NCBI GI #	313471481
NCBI Accession #	P0CI39.1
UniProt Primary Accession #	P0CI39
UniProt Secondary Accession #	P06842; Q70D63; Q70D65; Q70D69; Q70D73; Q70D74
NCBI Official Full Name	Pheromone alpha factor receptor

UniProt Protein Name	Pheromone alpha factor receptor
Protein Family	Estrogen sulfotransferase
UniProt Gene Name	STE2
UniProt Entry Name	STE2_YEASX
UniProt Comments for STE2	Receptor for the peptide pheromone alpha factor, the mating factor of yeast.
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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