Vacuolar Import and Degradation Protein 22 (VID22) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vacuolar import and degradation protein 22 (VID22), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Vacuolar import and degradation protein 22 (VID22) , partial
Product Gene Name	VID22 recombinant protein
Sequence	MRAMDTQVQS AERGLVLPPM NSTVSSATAA TTATNTDTDT DGDRDEERES LAEDGSEWVP AYMLTRDRSR YLGHFLGVDK MLEAVKCKYC GVIIRRQGNS ISMAEASQTH LWSTHKIDPN ANYYSGWTGV EAGSTFMVRP PLKNHQGGSA TTNSIANLLE IDEDFLKRTR EKEMALPLVQ SLAIIIASEN LPLSFVDNTA VRLLINQNAN SLSFIDHDLI LNAIRSIAYN LDRIIQRTAL RNNSDLSLII DKNYLLMDPT DRSNQLSNRL KNQLFEMQKI NFFSLSHSVW NNTISILSIQ YYDDFHSQVK TLPLIIQNLH EYNNDPKLSI PAQLLKISQE LPGLQNTVIS ITLPRSQIVD LLNVMDSQPF FPNTYTNAKN YYHNCIISII NSAILPLFGT PKSADITHPR QSSFSKEPLT LLDSLIDLSN IDISNSIFSR INSFLDDLQS NSWQLDKFRS LCEKFGFEFV CSKFDLSRYS TATVSLQTFL NLRPIIEEYQ SSIQIEKFNE IDFQIIDYLL ITLNSINRIL KFFTSSKSLN FTYVLFAIMS IEKHLLSTLG SLQFQRLIAP FETFLSKIQE FKTILFSDDM NLLAMFLCPA ILFEREVLEY SFHTISLSEI VDKLSTSIFS LLKRFLNLHT IGNVNNSHNT SNHSNMNIHT DNQTNNINNR SGNNSDNNDN EHDNDNDNHS NSNTPASRID IDPTGGENSV LPEQQPQNSN NNLSFGSLSD THHLSDSTIS KEIDSIFLQI IQEDLYDYLS TVNSIVPISY RSYCEQSNFI RDSGRFKKRI ITEDSIIGEL EQPMNFIEEL LDIHVPVCNA FWSQYLDNDA GPIIRILFKI MQCQSSSSIR GEYSFLNDFI PRVHPDLTQE IIKIKLFNDQ FVASKVDYDL DTLQTASQYL P
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	102,500 Da
Sequence Positions	1-901
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 Q05934
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for VID22 recombinant protein	MBS1254061 is a recombinant protein targeting VID22. Also known as Recombinant Saccharomyces cerevisiae Vacuolar import and degradation protein 22 (VID22) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of VID22 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 VID22. It may not necessarily be applicable to this product.

NCBI GI #	6323405
NCBI GeneID	851088
NCBI Accession #	NP_013477.1
UniProt Primary Accession #	Q05934
UniProt Secondary Accession #	D6VZ10
UniProt Related Accession #	Q05934
GenBank Nucleotide #	NM_001182262.1
NCBI Official Full Name	Vid22p
NCBI Official Symbol	VID22
UniProt Protein Name	Vacuolar import and degradation protein 22
Protein Family	Vacuolar import and degradation protein
UniProt Gene Name	VID22
NCBI Protein Information	Vid22p
UniProt Comments for VID22	Has a role in the negative regulation of gluconeogenesis. Imports fructose-1,6-bisphosphatase (FBPase) into the intermediate vacuole import and degradation (Vid) vesicles. This is an indirect role and requires cyclophilin A.
Research Articles on VID22	**1.** results showed that VID22 is required for transcriptional activation of the PSD2 gene.
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