# Vacuolar-Sorting Protein Snf-7 (snf-7) Neurospora Crassa Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Vacuolar-sorting protein snf-7 (snf-7), Recombinant Protein |
| **Full Product Name** | Recombinant Neurospora crassa Vacuolar-sorting protein snf-7 (snf-7) |
| **Product Gene Name** | snf-7 recombinant protein |
| **Product Synonym Gene Name** | snf-7 |
| **Sequence** | MSGIWGWFGG GSAAQKRKDS PKNAILGLRT QLDMLQKRER HLQNQIDEQD AIARKNVSTN KTAAKQALRR KKVAESTLET TLGQITTLEQ QINAIESANI NRETLAAMQA AREAMGKIHG KLTPEKVDEE MAKLQEANDL SNEIATAITS ANIGQPIDEG ELEDELEKLQ QEEVDSKLHE TGGSIPVHDK ISLPAAGTGA LKGKEKAKAV VEDDEEEELR KLQAEMAM |
| **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** | 24,975 Da |
| **Sequence Positions** | 1-228, Full length |
| **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 Q871Y8 |
| **Species** | Neurospora crassa (strain 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for snf-7 recombinant protein** | MBS1330835 is a recombinant protein targeting snf-7. Also known as Recombinant Neurospora crassa Vacuolar-sorting protein snf-7 (snf-7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of snf-7 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 snf-7. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 85099620 |
| **NCBI GeneID** | 3876971 |
| **NCBI Accession #** | XP_960819.1 |
| **UniProt Primary Accession #** | Q871Y8 |
| **UniProt Secondary Accession #** | Q1K6T8 |

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| **UniProt Related Accession #** | Q871Y8 |
| **GenBank Nucleotide #** | XM_955726.2 |
| **NCBI Official Full Name** | vacuolar-sorting protein snf-7 |
| **NCBI Official Symbol** | NCU01282 |
| **UniProt Protein Name** | Vacuolar-sorting protein snf7 |
| **UniProt Synonym Protein Names** | Vacuolar protein-sorting-associated protein 32 |
| **UniProt Gene Name** | vsp-3 |
| **UniProt Synonym Gene Names** | snf7; vps32 |
| **NCBI Protein Information** | vacuolar-sorting protein snf-7 |
| **UniProt Comments for snf-7** | Required for the sorting and concentration of proteins resulting in the entry of these proteins into the invaginating vesicles of the multivesicular body (MVB). Also required for the proteolytic cleavage of the transcription factor pacc-1 in response to alkaline ambient pH (). |
| **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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