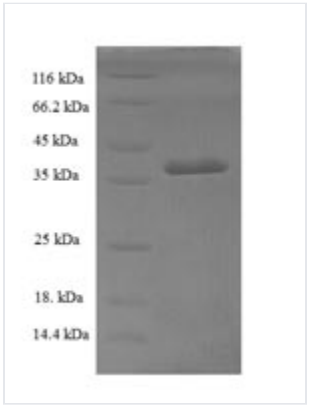
Sorting Nexin-20 (SNX20) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sorting nexin-20 (SNX20), Recombinant Protein
Full Product Name	Recombinant Human Sorting nexin-20
Product Gene Name	SNX20 recombinant protein
Product Synonym Names	Selectin ligand-interactor cytoplasmic 1
Sequence	MASPEHPGSP GCMGPITQCT ARTQQEAPAT GPDLPHPGPD GHLDTHSGLS SNSSMTTREL QQYWQNQKCR WKHVKLLFEI ASARIEERKV SKFVVYQIIV IQ
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 degree C, for extended storage, conserve at -20 degree C or -80 degree C.
Molecular Weight	38.4 kDa
Sequence Positions	1-102aa; Partial
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.
OMIM	613281
3D Structure	ModBase 3D Structure for Q7Z614
Product Categories/Family for SNX20 recombinant protein	Transport
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SNX20 recombinant protein	Serves as a sorting protein that cycles P-selectin glycoprotein ligand 1 (PSLG1) into endosomes with no impact on leukocytes recruitment.

Product References and Citations for SNX20 recombinant protein	SLIC-1/sorting nexin 20 a novel sorting nexin that directs subcellular distribution of PSGL-1.Schaff U.Y., Shih H.H., Lorenz M., Sako D., Kriz R., Milarski K., Bates B., Tchernychev B., Shaw G.D., Simon S.I.Eur. J. Immunol. 38:550-564(2008) Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S., Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.Nat. Genet. 36:40-45(2004)
Other Notes	Small volumes of SNX20 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.
Searchable Terms for SNX20 purchase	MBS1265185 is a recombinant protein targeting SNX20. Also known as Recombinant Human Sorting nexin-20. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.



SDS-PAGE of SNX20 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SNX20. It may not necessarily be applicable to this product.

NCBI GI #	222352102
NCBI GeneID	124460
NCBI Accession #	NP_001138444.1
UniProt Primary Accession #	Q7Z614
UniProt Secondary Accession #	Q08E98; Q6P4H2; Q8IV59; A8K9D5
UniProt Related Accession #	Q7Z614
GenBank Nucleotide #	NM_001144972.1
NCBI Official Full Name	sorting nexin-20 isoform 3
NCBI Official Synonym Full Names	sorting nexin 20

NCBI Official Symbol	SNX20
NCBI Official Synonym Symbols	SLIC1
UniProt Protein Name	Sorting nexin-20
UniProt Synonym Protein Names	Selectin ligand-interactor cytoplasmic 1
Protein Family	Sorting nexin
UniProt Gene Name	SNX20
UniProt Synonym Gene Names	SLIC1; SLIC-1
UniProt Entry Name	SNX20_HUMAN
NCBI Protein Information	sorting nexin-20
NCBI Summary for SNX20	SNX20 interacts with the cytoplasmic domain of PSGL1 (SELPLG; MIM 600738) and cycles PSGL1 into endosomes.[supplied by OMIM, Feb 2010]
UniProt Comments for SNX20	SNX20: Serves as a sorting protein that cycles P-selectin glycoprotein ligand 1 (PSLG1) into endosomes with no impact on leukocytes recruitment. Belongs to the sorting nexin family. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Lipid-binding Chromosomal Location of Human Ortholog: 16q12.1 Cellular Component: early endosome membrane; nucleus; plasma membrane Molecular Function: phosphatidylinositol 3-phosphate binding; phosphatidylinositol-4,5-bisphosphate binding; protein binding Biological Process: protein transport
Research Articles on SNX20	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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