

Recombinant Human SNX19 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SNX19-4449H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNX19 MS Standard C13 and N15-labeled recombinant protein (NP_055573) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Islet antigen-2 (IA-2) is an autoantigen in type 1 diabetes and plays a role in insulin secretion. IA-2 is found in dense-core secretory vesicles and interacts with the product of this gene, a sorting nexin. In mouse pancreatic beta-cells, the encoded protein influenced insulin secretion by stabilizing the number of dense-core secretory vesicles.
Molecular Mass	108.5 kDa
AA Sequence	MKTETVPPFQETPAGSSCHLNLLSSRKLMAGVLLGWLLVIHLLVNVWLLCLLSAL LVVLGGWLGSSLAGVASGRLHLERFIPLATCPPCPEAERQLEREINRTIQMIIRDFVLS WYRSVSQEPAFEEEMEAMKGLVQELRRRMSVMDSHAVAQSVLTLCGCHLQSYIQ AKEATAGKNGPVEPSHLWEAYCRATAPHPAVHSPSAEVTYTRGVNLLLQGLVPKP HLETRTGRHVVELITCNVILPLISRLSDPDWIHLVLVGIFSKARDPAPCPASAPEQPS VPTSLPLIAEVEQLPEGRASPVAAPVFLSYSEPEGSAGPSPEVEEGHEAVEGDLGG MCEERKVGNNSSHFLQPNVRGPLFLCEDSELESPLSELGKETIMLMTPGSFLSDRIQ DALCALESSQALEPKDGEASEGAEAEEGPGTETETGLPVSTLNSCPEIHIDTADKEIE

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QGDVTASVTALLEGPEKTCPSRPSCLEKDLTNDVSSLDPTLPPVLLSSSPGGLSSA
 TFSFEPLSSPDGPVIIQNLRITGTITAREHSGTGFHPYTLTVKYETALDGENSSGLQ
 QLAYHTVNRRYREFLNLQTRLEEKPDRLKFIKNVKGPKKLPDLPGNMDSRVEAR
 KSLLESFLKQLCAIPEIANSEEVQEFLALNTDARIAFVKKPFMVSRIDKMVSAIVDTLK
 TAFPRSEPQSPTEELSEAETESKPQTEGKKASKSRLRFSSSKISPALSVTEAQDKILY
 CLQEGNVESETLSMSAMESFIEKQTKLLEMQPTKAPEKDPEQPPKGRVDSCVSDAA
 VPAQDPSNSDPGTETELADTALDLLLLLLEQWKWLCTENMQKFLRLIFGTLVQRWL
 EVQVANLTSPQRWWQYLLLLQESIWPGGVLPKFRPVRTQEQLAAEKQALQSLMG
 VLPDLVVEILGVNKCRLSWGLVLESLLQQLINRHLYCLGDIILEFLDLSASVEESAATT
 SASDTPGNSKRMGVSSSGPSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SNX19 sorting nexin 19 [Homo sapiens (human)]

Official Symbol SNX19

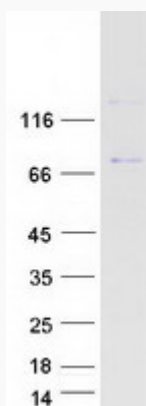
Synonyms SNX19; sorting nexin 19; CHET8; sorting nexin-19

Gene ID 399979

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mRNA Refseq NM_014758**Protein Refseq** NP_055573**UniProt ID** Q92543**SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA