

Product datasheet for PH318004

SNX19 (NM_014758) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SNX19 MS Standard C13 and N15-labeled recombinant protein (NP_055573)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218004
Predicted MW:	108.5 kDa
Protein Sequence:	>RC218004 representing NM_014758 Red=Cloning site Green=Tags(s)

MKTETVPPFQETPAGSSCHLNLLSSRKLMAVGVLGWLIVHLLVNVWLLCLLSALLVVLGGWLGSSLA
GVASGRLHLERFIPLATCPPCEAERQLEREINRTIQMIIRDFVLSWYRSVSVQEPAFEEEMEAMKGLVQ
ELRRRMSVMDSHAVAQSVLTLCGCHLQSYIQAKEATAGKNGPVEPSHLWEAYCRATAPHPAVHSPSAEVT
YTRGVNLLLQGLVPKPHLETRTRGRHVVELITCNVILPLISRLSDPDWIHLVLVGFISKARDPAPCPAS
APEQPSVPTSLPLIAEVEQLPEGRASPAAPVFLSYSEPEGSAGPSPEVEEGHEAVEGDLGGMCEERKVG
NNSSHFLQPNVRGPLFLCEDSELESPLSELGKETIMLMTPGSFLSDRIQDALCALESSQALEPKDGEASE
GAEAEEGPGTETETGLPVSTLNSCPEIHIDTADKEIEQGDVTASVTALLEGPEKTCPSRSPCKEKLDTND
VSSLDPTLPPVLLSSSPPGPLSSATFSFEPLSSPDGPVLIQNLRTITAREHSGTGPHFYTYLVKYE
TALDGENSSGLQQLAYHTVNRRYREFLNLQTRLEEKPDLRKFIKRVKGPVKLFPDLFPGNMDSRVEARK
SLLSFQKQLCAIPEIANSEEVQEFALNTDARIAFVKKPFMVSRIKMKVSAIVDTLKTAFPRSEPQSP
TEELSEAEETESKPQTEGKASKSRLRFSSSKISPALSVTEAQDKILYCLQEGNVESETLSMSAMESFIEK
QTKLLEMQPTKAPEKDPEQPPKGRVDSCVSDAAVPAQDPSNSDPGTETELADTALDLLLLLLEQWKWLC
TENMQKFLRLIFGTLVQRWLEVQVANLTSQRWVQYLLLLQESIWPGGVLPKFPFPRVTRTEQKLAEEKQA
LQSLMGVLPDLVVEILGVNKCRLSWGLVLESLQQPLINRHLYCLGDIILEFLDLASVEESAATTSASD
TPGNSKRMGVSSSGP

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

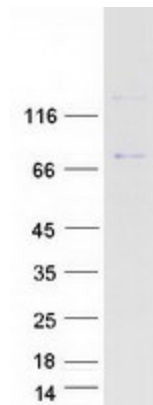
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055573
RefSeq Size:	6049
RefSeq ORF:	2985
Synonyms:	CHET8
Locus ID:	399979
UniProt ID:	Q92543
Cytogenetics:	11q24.3
Summary:	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. [provided by RefSeq, Dec 2016]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified SNX19 protein (Cat# [TP318004]). The protein was produced from HEK293T cells transfected with SNX19 cDNA clone (Cat# [RC218004]) using MegaTran 2.0 (Cat# [TT210002]).