

Product datasheet for **TP318004L**

SNX19 (NM_014758) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sorting nexin 19 (SNX19), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218004 representing NM_014758 Red =Cloning site Green =Tags(s)

MKTETVPPFQETPAGSSCHLNNLLSSRKLMAGVGLLGWLLVIHLLVNVWLLCLLSALLVVLGGWLGSSLA
 GVASGRHLERFIPLATCPPCPEAERQLEREINRTIQMIIRDFVLSWYRSVSQEPAFEEEMEAMKGLVQ
 ELRRRMSVMDSHAVAQSVLTCGCHLQSYIQAKEATAGKNGPVEPSHLWEAYCRATAPHPAVHSPSAEV
 T
 YTRGVNLLLQGLVPKPHLETTRGRHVVELITCNVILPLISRLSDPDWIHLVLVGIFSKARDPAPCPAS
 APEQPSVPTSLPIAEVEQLPEGRASPVAAPVFLSYSEPEGSAGPSPEVEEGHEAVEGDLGGMCEERKVG
 NNSSHFLQPNVRGPLFLCEDSELESPLSELGKETIMLMTPGSFLSDRIQDALCALESSQALEPKDGEASE
 GAEEEGPGTETETGLPVSTLNSCPEIHIDTADKEIEQGDVTASVTALLEGPEKTCPSRPSCLEKDLTND
 VSSLDPTLPPVLLSSSPGPLSSATFSFEPLSSPDGPVIIQNLRTITAREHSGTGPHPYTLYTVKYE
 TALDGENSSGLQQLAYHTVNRRYREFLNLTQTRLEEKPDLRKFIKNVKGPKKLPDLFPFGNMDSRVEARK
 SLLESFLKQLCAIPEIANSEEVQEFLALNTDARIAFVKKPFMVSRIDKMVSAIVDTLKTAFPRSEQSP
 TEELSEAETESKPQTEGKKASKSRLRFSSSKISPALSVEAQDKILYCLQEGNVESETLSMSAMESFIEK
 QTKLLEMQPTKAPEKDPEQPPKGRVDSCVSDAAVPAQDPSNSDPGTETELADTALDLLLLLLEQWKWLC
 TENMQKFLRLIFGTLVQRWLEVQVANLTSPQRWWQYLLLLQESIWPGGVLPKFPRPVRTQEQKLAAEKQA
 LQSLMGVLPDLVVEILGVNKCRLSWGLVLESLQQPLINRHLIYCLGDIILEFLDLSASVEESAATTSASD
 TPGNSKRMGVSSSGP

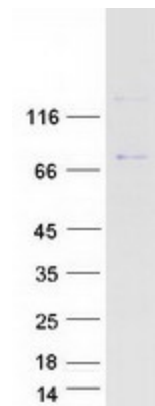
SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	108.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol


[View online »](#)

Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055573
Locus ID:	399979
UniProt ID:	Q92543
RefSeq Size:	6049
Cytogenetics:	11q24.3
RefSeq ORF:	2985
Synonyms:	CHET8
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]).