

## Product datasheet for TP510183

### Ncstn (NM\_021607) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nicastrin (Ncstn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210183 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MATTRGGSGPDPGSRGLLLLSFSWLAGLCGGNSVERKIYIPLNKTAPCVRLLNATHQIGCQSSISGDTG VIHVVEKEEDLKWWLTDGPNPPYMVLLLEGKLFTRDVMKLGTTSRAGLAVTLAKPNSTSSFSPVQCP NDGFGIYSNSYGPEFAHCKKTLWNLGNGLAYEDFSFPIFLLDENETKVIKQCYQDHNLGQNGSAPSF LCAMQLFSMHAVISTATCMRRSFIQSTFSINPEIVCDPLSDYNVWSMLKPINTSVGLEPDVRVVAATR LDSRSFFWNVAPGAESAVASFVTQLAAAEALHKAPDVTTLSRNVMFVFFQGETFDYIGSSRMVYDMENK FPVRLNIDSFVELGQVALRTSLDLWMHTDPMSQKNESVKNQVEDLLATLEKSGAGVPEVLRRLAQSQA LPPSSLQRFLRARNISGVVLADHSGSFHNRYQSIYDTAENINVTYPEWQSPEEDLNFVTD TAKALANVA TVLARALYELAGGTNFSSSIQADPQTVTRLLYGLVKANNSWFQSILKHDLSYLD DRPLQHYIAVSSPT NTTYVQYALANLTGKATNL TREQCQDPSKVPNESKDLYEYSWVQGPWNSNRTERLPQCVRSTVRLRAL SPAFELSQWSSTEYSTWAESRWKDIQARIFLIASKELEFITLIVGFSILIFSLIVTYCINAKADVLFVAP REPGAVSY</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	78.5 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
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 after receiving vials.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_067620</u>
<b>Locus ID:</b>	59287
<b>UniProt ID:</b>	<u>P57716</u>
<b>RefSeq Size:</b>	2864
<b>Cytogenetics:</b>	1 79.54 cM
<b>RefSeq ORF:</b>	2127
<b>Synonyms:</b>	9430068N19Rik; AA727311; Aph2; D1Dau13e; Kiaa0253; mKIAA0253; Nct
<b>Summary:</b>	Essential subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (amyloid-beta precursor protein). The gamma-secretase complex plays a role in Notch and Wnt signaling cascades and regulation of downstream processes via its role in processing key regulatory proteins, and by regulating cytosolic CTNNB1 levels.[UniProtKB/Swiss-Prot Function]