

## Product datasheet for **TP523551**

### Canx (NM\_007597) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calnexin (Canx), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223551 representing NM_007597 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEGKWLCLLLLVLGTAAVEAHDGHDDDAIDIEDDLDDVIEEVEDSKSKSDASTPPSPKVITYKAPVPTGEV  
YFADSFDRGSLSGWILSKAKKDDTDDEIAKYDGKWEVDEMKETKLPDGLVMSRAKHHAISAKLNKPF  
LFDTKPLIVQYEVNFQNGIECGGAYVKLLSKTAELSLDQFHDKTPYTIMFGPKCGEDYKLHFIFRHKNP  
KTGVYEEKHAKRPDADLKYFTDKKTHLYTLILNPDNSFEILVDQSVVNSGNLLNDMTPPVNPSREIEDP  
EDRKPEDWDERPKIADPDAVKPDDWDEDAPSKIPDEEATKPEGWLDDEPEYIPDPDAEKPEDWDEDMDGE  
WEAPQIANPKCESAPGCGVWQRP MIDNPNYK GKWKPP MIDNPNYQGIWKPRKIPNPDFFEDLEPFKMTPF  
SAIGLELWSMTSDIFFDNFIISGDRRVDDWANDGWGLKKAADGAAEPGVVLQMLEAAEERPWLVVVYIL  
TVALPVFLVILFCCSGKKQSNAMEYKKT DAPQPDVKDEEGKEEKNKRDEEEEEKLEEKQKSDAEEDGV  
TGSQDEEDSKPKAEDEILNRSRNRKPRRE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	67.7 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<a href="#">NP_031623</a>
Locus ID:	12330
UniProt ID:	<a href="#">P35564</a> , <a href="#">Q5SUC3</a>
RefSeq Size:	4292
Cytogenetics:	11 30.46 cM
RefSeq ORF:	1776
Synonyms:	1110069N15Rik; AI988026; Cnx; D11Ertd153e
Summary:	Calcium-binding protein that interacts with newly synthesized glycoproteins in the endoplasmic reticulum. It may act in assisting protein assembly and/or in the retention within the ER of unassembled protein subunits. It seems to play a major role in the quality control apparatus of the ER by the retention of incorrectly folded proteins. Associated with partial T-cell antigen receptor complexes that escape the ER of immature thymocytes, it may function as a signaling complex regulating thymocyte maturation. Additionally it may play a role in receptor-mediated endocytosis at the synapse.[UniProtKB/Swiss-Prot Function]