

Product datasheet for TP507455

Scg3 (NM_001164790) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse secretogranin III (Scg3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207455 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGFLWTGSWILVVLVNSGPIQAFPKPEGSQDKSLHNRELSAERPLNEQIAEAEADKIKKAFPSESKPSES NYSSVDNLNLLRAITEKETVEKERQSIRSPFDNQLNVEDADSTKNRKLIDEYDSTKSGLDHKFQDDPDG LHQLDGTPHTAEDIVHKIATRIYEENDRGVFDKIVSKLLNLGLITESQAHTLEDEVAEALQKLISKEANN YEETLDKPTSRTENQDGKIPEKVTPVAAVQDGFNRENDVSNLTLNGLERRTNPHREDDFEELQYF PNFYALLTSIDSEKEAKEKETLITIMKTLIDFVKMMVKYGTISPEEGVSYLENLDETIALQTKNKLEKNT TDSKTPPEKSQEETDSTKEEAAKMEKEYGSLKDSTKDDNSNLGGKTDEATGKTEAYLEAIRKNIEWLKKH NKKGNKEDYDLSKMRDFINQQADAYVEKGILDKEEANAIAIKRIYSSL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	52.8 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.
RefSeq:	NP_001158262
Locus ID:	20255



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UniProt ID:	<u>P47867</u>
RefSeq Size:	2192
Cytogenetics:	9 42.32 cM
RefSeq ORF:	1401
Synonyms:	1B1075; AI385542; Chgd; SgIII
Summary:	Member of the granin protein family that regulates the biogenesis of secretory granules (PubMed:16219686). Acts as a sorting receptor for intragranular proteins including chromogranin A/CHGA (PubMed:12388744). May also play a role in angiogenesis (PubMed:28330905). Promotes endothelial proliferation, migration and tube formation through MEK/ERK signaling pathway (By similarity).[UniProtKB/Swiss-Prot Function]