

Product datasheet for TP507386

Chga (NM_007693) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chromogranin A (Chga), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207386 protein sequence Red =Cloning site Green =Tags(s) MRSTAVLALLLCAGQVFALPVNSPMTKGDTKVMKCVLEVISDSLSKPSMPVSPCELETLQGDERILSIL RHQNLKELQDLALQGAKERAQQPLKQQQPPKQQQQQQQQQQEQQHSSFEDELSEVFENQSPDAKHRDA AAEVPSRDTMEKRKDSKGGQDGFEEATTEGPRPQAFPEPNQESPMMGDSESPGEDTATNTQSPTSLPSQE HVDPQATGDSERGLSAQQQARKAKQEEKEEEEEEEAVAREKAGPEEVPTAASSSHFHAGYKAIQKDDGQS DSQAVDGDGKTEASEALPSEGKGELEHSQQEEDGEEAMVGTPOGLFPQGGKGRELEHKQEEEEEEERLS REWEDKRWSRMDQLAKELTAEKRLGEDDPDRSMKLSFRTRAYGFRDPGPQLRRGWPRSSREDSVEARSD FEEKKEEGSANRRAEDQELESLSAIEAELEKVAHQQLQALRRG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	51.8 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_031719
Locus ID:	12652



[View online »](#)

UniProt ID: [P26339](#)

RefSeq Size: 1892

Cytogenetics: 12 51.66 cM

RefSeq ORF: 1392

Synonyms: cgA; Ch; ChrA

Summary: This gene encodes a member of the granin family of acidic secretory glycoproteins that are expressed in endocrine cells and neurons. The encoded preproprotein undergoes proteolytic processing to generate multiple functions peptides including pancreastatin, catestatin and serpinin. The encoded protein plays important roles in the neuroendocrine system including regulated secretion of peptide hormones and neurotransmitters. Mice lacking the encoded protein exhibit elevated blood pressure which can be rescued by transgenic expression of the human ortholog. [provided by RefSeq, Nov 2015]