

Recombinant Mouse Chga Protein, MYC/DDK-tagged

Cat. No. Chga-886M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse chromogranin A (Chga), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	51.8 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Chga chromogranin A [Mus musculus (house mouse)]
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Official Symbol	Chga
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Synonyms	Chga; chromogranin A; cgA; ChrA; chromogranin-A
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Gene ID	12652
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mRNA Refseq	NM_007693
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Protein Refseq	NP_031719
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UniProt ID	P26339
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