

Recombinant Full Length Human CHGB Protein, GST-tagged

Cat. No. CHGB-3194HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CHGB full-length ORF (NP_001810.1, 1 a.a. - 677 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	677 amino acids
Description	This gene encodes a tyrosine-sulfated secretory protein abundant in peptidergic endocrine cells and neurons. This protein may serve as a precursor for regulatory peptides. [provided by RefSeq, Jan 2009]
Molecular Mass	104.6 kDa
AA Sequence	<p>MQPTLLLSLLGAVGLAAVNSMPVDNRNHNEGMVTRCIIEVLSNALS KSSAPPITPEC RQVLKTSRKDKVKDKETTENENTKFEVRLLRDPADASEAHSSSRGEAGAPGEEDIQ GPTKADTEKWAEGGGHSRERADEPQWSLYPSDSQVSEEVKTRHSEKSQREDEEE EEGENYQKGERGEDSSEEKHLLEEPGETQNAFLNERKQASAIKKEELVARSETHAAG HSQEKTHSREKSSQESGEEAGSQENHPQESKGQPRSQEESEEGEEDATSEVDKR RTRPRHHHGRSRPDRSSQGGSLPSEEKQHPQEESEESNVSMASLGEKRDHHSTH YRASEEEPEYGEEIKGYPGVQAPEDLEWERYRGRGSEEYRAPRPQSEESWDEEDK RNYPSELELDKMAHGYGEESEEEERGLEPGKGRHHRGRGGEPRAYFMSDTREEKRF LGEGHHRVQENQMDKARRHPQGAWKELDRNYLNYGEEGAPGKWQQQGLQDTK ENREEARFQDKQYSSHHTAEKRKRLGELFNPPYYDPLQWKSSHFERRDNMNDNFLE</p>

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GEEENELTLNEKNFFPEYNYDWWWEKKPFSEVDNWWGYEKRNLARVPKLDLKRQYDR
 VAQLDQLLHYRKKSAEFPDFYDSEEPVSTHQEAENEKDRADQTVLTEDEKKELENL
 AAMDLELQKIAEKFSQRG

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CHGB chromogranin B (secretogranin 1) [Homo sapiens]

Official Symbol CHGB

Synonyms CHGB; chromogranin B (secretogranin 1); SCG1; secretogranin-1; secretogranin B; cgB; sgl; chromogranin-B; secretogranin I;

Gene ID 1114

mRNA Refseq NM_001819

Protein Refseq NP_001810

MIM 118920

UniProt ID P05060

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