Recombinant Human Chromogranin B (Secretogranin 1), His-tagged

Cat. No. CHGB-2056H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CHGB protein fused to His-tag was expressed in*E.coli*and purified by using conventional chromatography techniques. 78.4 kDa (677aa).
Species	Human
Source	E.coli
Description	CHGB, also known as secretogranin-1 or chromogranin-B, is a neuroendocrine secretory granule protein, which may be the precursor for other biologically active peptides. This protein Belongs to the chromogranin/secretogranin protein family and is expressed in the adrenal medulla, and in pheochromocytoma.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl.
Purity	> 80% by SDS - PAGE.
Concentration	0.25 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MPVDNRNHNE GMVTRCIIEV LSNALSKSSA PPITPECRQV LKTSRKDVKD KETTENENTK FEVRLLRDPADASEAHESSS RGEAGAPGEE DIQGPTKADT EKWAEGGGHS RERADEPQWS LYPSDSQVSE EVKTRHSEKS QREDEEEEEG ENYQKGERGEDSSEEKHLEE PGETQNAFLN ERKQASAIKK EELVARSETH AAGHSQEKTH SREKSSQESG EEAGSQENHP QESKGQPRSQ EESEEGEEDATSEVDKRRTR PRHHHGRSRP DRSSQGGSLP

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	SEEKGHPQEE SEESNVSMAS LGEKRDHHST HYRASEEEPE YGEEIKGYPG VQAPEDLEWERYRGRGSEEY RAPRPQSEES WDEEDKRNYP SLELDKMAHG YGEESEEERG LEPGKGRHHR GRGGEPRAYF MSDTREEKRF LGEG HHRVQENQMDKARRHP QGAWKELDRN YLNYGEEGAP GKWQQQGDLQ DTKE NREEAR FQDKQYSSHH TAEKRKRLGE LFNPYYDPLQ WKSSHFERRD NMND NFLEGE EENELTLNEK NFFPEYNYDW WEKKPFSEDV NWGYEKRNLA RVPKL DLKRQ YDRVAQLDQL LHYRKKSAEF PDFYDSEEPVSTHQEAENEK DRAD QTVLTE DEKKELENLA AMDLELQKIA EKFSQRG.
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	CHGB chromogranin B (secretogranin 1) [Homo sapiens]
Synonyms	chromogranin B (secretogranin 1); SCG1; CHGB; secretogranin-1; cgB; sgI; chromogranin-B; secretogranin B; secretogranin I;Secretogranin I; SgI; CgB; Chromogranin-B
Gene ID	1114
mRNA Refseq	NM_001819
Protein Refseq	NP_001810
MIM	118920
UniProt ID	P05060
Chromosome	20pter-p12

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Location	
Function	hormone activity; protein binding

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