

## Recombinant Human CHGB Protein, GST-Tagged

**Cat. No.** CHGB-1231H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CHGB full-length ORF (NP_001810.1, 1 a.a. - 677 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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]                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 104.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | <p>MQPTLLLSLLGAVGLAAVNSMPVDNRNHNEGMVTRCIEVLSNALSKSSAPPITPEC<br/> RQVLKTSRKDVKDKETTENENTKFEVRLLRDPADASEAHESSSRGEAGAPGEEDIQ<br/> GPTKADTEKWAEGGGHSRERADEPQWSLYPSDSQVSEEVKTRHSEKSQREDEEE<br/> EEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVARSETHAAG<br/> HSQEKTHSREKSSQESGEEAGSQENHPQESKGQPRSQEESEEGEEDATSEVDKR<br/> RTRPRHHHGRSRPDRSSQGGSLPSECKGHPQEESEESNVSMASLGEKRDHHSTH<br/> YRASEEEPEYGEEIKGYPGVQAPEDLEWERYRGRGSEEYRAPRPQSEESWDEEDK<br/> RNYPSELDKMAHGYGEESEEEERGLEPGKGRHHRGRGGEPAYFMSDTREEKRF<br/> LGEGHHRVQENQMDKARRHPQGAWKELDRNYLNYGEEGAPGKWQQQGLQDTK<br/> ENREEARFQDKQYSSHTAEKRLGELFNPYYDPLQWKSSHFERDNDNFLE<br/> GEEENELTLNEKNFFPEYNYDWWKKPFSEVDNVWGYEKRNLARVPKLDLKRQYDR</p> |

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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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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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