

## Chromogranin B Human Recombinant

<b>Item Number</b>	rAP-3016
<b>Synonyms</b>	SCG1, Secretogranin 1, secretogranin B, CHGB, Sgl, CgB.
<b>Description</b>	CHGB Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 677 amino acids (21-677 a.a.) and having a molecular mass of 78.4kDa. CHGB protein is fused to a 20 amino acid His-Tag at N-terminus and purified by standard chromatography.
<b>Uniprot Accession Number</b>	P05060
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MPVDNRNHNE GMVTRCIEV LSNALSKSSA PPITPECRQV LKTSRK-DVKD KETTENTK FEVRLLRDPA DASEAHSSS RGEAGAPGEE DIQGPTKADT EKWAEGGGHS RERADQPWS LYPDSQVSE EVKTRHSEKS QREDEEEEG ENYQKGERGE DSSEEKHLEE PGETQNAFLN ERKQASAIKK EELVARSETH AAGHSQEKTH SREKSSQESG EEAGSQENHP QESKGQPRSQ EESEEGEEDA TSEVDKRRTR PRHHHGRSRP DRSSQGGSLP SEEKGHPQEE SEESNVSMAS LGEKRDHHST HYRASEEEPE YGEEIKGYPG VQAPEDLEWE RYRGRGSEEY
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The CHGB protein 0.25mg/ml solution containing 20mM Tris-HCl pH-8, 0.15M NaCl & 10% glycerol. Greater than 80% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**