

## Product datasheet

# Recombinant Human Chromogranin B protein ab116486

### Overview

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<b>Product name</b>	Recombinant Human Chromogranin B protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

### Amino Acid Sequence

**Accession** [P05060](#)

**Species** Human

**Sequence** MGSSHHHHHH SSGLVPRGSH MPVDNRNHNE  
 GMVTRCIEV LSNALSKSSA PPITPECRQV  
 LKTSRKDVKD KETTENENTK FEVRLLRDPA  
 DASEAHSSSS RGEAGAPGEE DIQGPTKADT  
 EKWAEGGGHS RERADEPQWS LYPSSDSQVSE  
 EVKTRHSEKS QREDEEEEEEG ENYQKGERGE  
 DSSEEKHLEE PGETQNAFLN ERKQASAIKK  
 EELVARSETH AAGHSQEKTH SREKSSQESG  
 EEAGSQENHP QESKGQPRSQ EESEEGEEDA  
 TSEVDKRRTR PRHHHGRSRP DRSSQGGSLP  
 SEEKGHPQEE SEESNVSMAS LGEKRDHHST  
 HYRASEEEPE YGEEIKGYPG VQAPEDLEWE  
 RYRGRGSEY RAPRPQSEES WDEEDKRNYP  
 SLELDKMAHG YGEESEEEERG LEPGKGRHHR  
 GRGGEPRAYF MSDTREEKRF LGEGHHRVQE  
 NQMDKARRHP QGAWKELDRN YLNYGEEGAP  
 GKWQQQGLDQ DTKENREEAR FQDKQYSSHH  
 TAEKRKRLGE LFNPHYDPLQ WKSSHFERRD  
 NMNDNFLEGE EENELTLNEK NFFPEYNYDW  
 WEKKPFSEDV NWGYEKRNLA RVPKLDLKRQ  
 YDRVAQLDQL LHYRKKSAEF PDFYDSEEPV  
 STHQEAENEK DRADQTVLTE DEKKELENLA  
 AMDLELQKIA EKFSQRG

<b>Molecular weight</b>	78 kDa including tags
<b>Amino acids</b>	21 to 677
<b>Tags</b>	His tag N-Terminus

## Specifications

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Our [Abpromise guarantee](#) covers the use of **ab116486** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Purity</b>	> 80 % SDS-PAGE. ab116486 was purified by standard chromatographic techniques and filter sterilized.
<b>Form</b>	Liquid
<b>Additional notes</b>	although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Please see notes section. pH: 8.00 Constituents: 0.32% Tris HCl, 0.88% Sodium chloride, 10% Glycerol
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## General Info

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<b>Function</b>	Secretogranin-1 is a neuroendocrine secretory granule protein, which may be the precursor for other biologically active peptides.
<b>Tissue specificity</b>	Expressed in the adrenal medulla, and in pheochromocytoma. Not expressed in liver.
<b>Sequence similarities</b>	Belongs to the chromogranin/secretogranin protein family.
<b>Post-translational modifications</b>	Extensively processed by limited proteolysis at conserved basic residues. Alternative processing are seen in different tissues.
<b>Cellular localization</b>	Secreted. Neuroendocrine and endocrine secretory granules.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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