

Product datasheet

Recombinant Human Chromogranin B protein ab116486

Overview

Product name	Recombinant Human Chromogranin B protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession [P05060](#)

Species Human

Sequence MGSSHHHHHH SSSLVPRGSH 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 LFNPPYDPLQ WKSSHFERRD
 NMNDNFLEGE EENELTLNEK NFFPEYNYDW
 WEKKPFSEDV NWGYEKRNLA RVPKLDLKRQ
 YDRVAQLDQL LHYRKKSAEF PDFYDSEEPV
 STHQEAENEK DRADQTVLTE DEKKELENLA
 AMDLELQKIA EKFSQRG

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

Specifications

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.

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

Preparation and Storage

Stability and Storage	Shipped at 4°C. Please see notes section. pH: 8.00 Constituents: 0.32% Tris HCl, 0.88% Sodium chloride, 10% Glycerol
------------------------------	--

General Info

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

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors