

AR09423PU-L

Human Chromogranin B (21-677, His-tag) - Purified

Alternate names:

CGB, Chromogranin-B, SCG1, Secretogranin I, Secretogranin-1, Sgl

Quantity:

0.25 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[P05060](#)

NCBI:

[AAH00375](#)

GeneID:

[1114](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >80% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.15 M NaCl

Description:

Recombinant CHGB protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MPVDNRNHNE GMVTRCIEV LSNALSKSSA PPITPECRQV
LKTSRKDVKD KETTENENTK FEVRLLRDPA DASEAHSSS RGEAGAPGEE DIQGPTKADT
EKWAEAGGHS RERADEPQWS LYPDSQVSE EVKTRHSEKS QREDEEEEG ENYQKGERGE
DSSEKHLEE PGETQNAFLN ERKQASAIKK EELVARSETH AAGHSQEKTH SREKSSQESG
EEAGSQENHP QESKGQPRSQ EESEEGEEDA TSEVDKRRTR PRHHHGRSRP DRSSQGGSLP
SEEKGHPQEE SEESNVSMAS LGEKRDHST HYRASEEEPE YGEEIKGYPG VQAPEDLEWE
RYRGRGSEY RAPRPQSEES WDEEDKRNYP SLELDKMAHG YGEESEEEER LEPGKGRHHR
GRGGEPYRF MSDTREEKRF LGEGHHRVQE NQMDKARRHP QGAWKELDRN YLNYGEEGAP
GKWQQQDLQ DTENREEAR FQDKQYSSH TAEKRKRLGE LFNPPYDPLQ WKSSHFERRD
NMNDNFLEGE EENELTLNEK NFFPEYNDW WEKKPFSESV NWGYEKRNL RVPKLDLKRQ
YDRVAQLDQL LHYRKKSAEF PDFYDSEEPV STHQEAENEK DRADQTVLTE DEKKELENLA
AMDLELQKIA EKFSQRG

Molecular weight: 78.4 kDa (677 aa), confirmed by MALDI-TOF

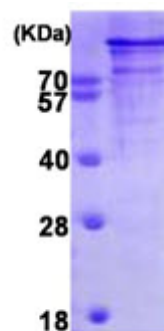
Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human CHGB, 21-677 aa,
His-tagged: 15% SDS-PAGE (3 μ g)

