

Chromogranin A Recombinant Protein | CHGA recombinant protein

Recombinant Human Chromogranin A His Tag

CATALOG # AAA38748	HOST E Coli
------------------------------	-----------------------

PRODUCT SYNONYMS

Chromogranin A; Recombinant Human Chromogranin A His Tag; CHGA Human; His; Chromogranin-A Human Recombinant; His Tag; CGA; CHGA; Vasostatin-2; Pituitary secretory protein I; SP-I; CHGA His; CHGA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80.0% as determined by Analysis by SDS-PAGE.
Form/Format	The CHGA protein contains 20mM MES buffer pH-6, 2mM EDTA, 0.1mM PMSF and 10% glycerol. Sterile filtered colorless solution.
Concentration	0.5 mg/ml (varies by lot)
Sequence	MGSSHHH HHHSSGLVPR GSHMLP VNSPMNKGD EVMKCIVEI SDTLSPSPM PVSQECFETL RGDERILSIL RHQNLKELQ DLALQGAKER AHQKKHSGF EDELSEVLEN QSSQAELEKEA VEEPSSKDVMEKREDSKEAE KSGEATD GAR PQALPEPMQE SKAEGNNQAP GEEEEEEEEEA TNTHPPASLP SQKYPGPQAE GDSEGLSQGL VDREKGLSAE PGWQAKREEE EEEEEAEAG EEA VP EEGP TVVLNPHPSL GYKEIRKGES RSEALAVDGA GKPGAEAAQD PEGKGEQEH S QK EEEEEEMA VVPQGLFRGG KSGELEQEEE RLSKEWEDSK RWSKMDQLAK ELTAEKRLEG QEEEDNRDS SMKLSFRARA YGFRGP GPQL RRGWRPSSRE DSLEAGLPLQ VRGYPEEKKE EEGSANRRPE DQELESLSAI EAELEKVAHQ LQALRRG
Sequence Length	457
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for CHGA recombinant protein	Introduction: Chromogranin-A is part of the neuroendocrine secretory protein family. CHGA is located in secretory vesicles of neurons and endocrine cells. Chromogranin-A is a precursor to three biologically active peptides; vasostatin, pancreastatin, and parastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrine system. Other peptides, including chromostatin, beta-granin, WE-14 and GE-25, are also derived from the full-length protein. Chromogranin-A has numerous biological activities on some tissues and organs and exerts a large spectrum of homeostatic actions, including antifungal and antimicrobial effect, modulation of cell adhesion, and inhibition of parathyroid hormone secretion.
Product Categories/Family for CHGA recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Chromogranin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502805
NCBI GeneID	1113
NCBI Accession #	NP_001266.1
NCBI GenBank Nucleotide #	NM_001275.3

UniProt Accession #	P10645; Q53FA8; Q6NR84; Q96E84; Q96GL7; Q9BQB5; B2R9E9
Molecular Weight	50,688 Da
NCBI Official Full Name	chromogranin-A isoform 1 preproprotein
NCBI Official Synonym Full Names	chromogranin A (parathyroid secretory protein 1)
NCBI Official Symbol	CHGA
NCBI Official Synonym Symbols	CGA
NCBI Protein Information	chromogranin-A; SP-I; betagranin (N-terminal fragment of chromogranin A); catestatin; chromofungin; parathyroid secretory protein 1; pituitary secretory protein I
UniProt Protein Name	Chromogranin-A
UniProt Gene Name	CHGA
UniProt Synonym Gene Names	CgA; SP-I
UniProt Entry Name	CMGA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/chga-recombinant-protein-e-coli/38748>