

Recombinant Full Length Human CHGA Protein, GST-tagged

Cat. No. CHGA-3193HF Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Human CHGA full-length ORF (AAH06459.1, 1 a.a. - 457 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 457 amino acids |
| Description | The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product 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. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014] |
| Molecular Mass | 77.1 kDa |
| AA Sequence | MRSAAVLALLLCAGQVTALPVNSPMNKGDTEVMKCIIVEVISDTLSKPSPMPVVSQECF ETLRGDERILSILRHQNLLKELQDLALQGAKERAHQKQKHSGFEDELSEVLENQSSQ AELKEAVEEPPSSKDVMEKREDSKEAEKSGEATDGARPQALPEPMQESKAEGNNQA PGEEEEEEEEATNTHPPASLPSQKYPGPAEGDSEGLSQGLVDREKGLSAEPGWQ AKREEEEEEEEEAEAGEEAVPEEEGPTVVLNPHPSLGYKEIRKGESRSEALAVDGA |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GKPGAEAAQDPEGKGEQEHSQQKEEEEEMAVVPQGLFRGGKSGELEQEEERLSK
 EWEDSKRWSKMDQLAKELTAEKRLLEGQEEEEEDNRDSSMKLSFRARAYGFRGPGP
 QLRRGWRPSSREDSLEAGLPLQVRGYPEEKKEEEGSANRRPEDQELESLSAIEAEL
 EKVAHQQLALRRG

| | |
|-----------------------|---|
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | CHGA chromogranin A (parathyroid secretory protein 1) [Homo sapiens] |
| Official Symbol | CHGA |
| Synonyms | CHGA; chromogranin A (parathyroid secretory protein 1); chromogranin-A; pancreastatin; parastatin; vasostatin; SP-I; pituitary secretory protein I; parathyroid secretory protein 1; betagranin (N-terminal fragment of chromogranin A); CGA; |
| Gene ID | 1113 |
| mRNA Refseq | NM_001275 |
| Protein Refseq | NP_001266 |
| MIM | 118910 |



UniProt ID

P10645

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA