

# Human CHGA Recombinant Protein



RPPB3169

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## Product Information    Protein Information

**Product SKU:**

RPPB3169

**Accession:**

P10645

**Host:**

Escherichia Coli.

**Protein description:**

Recombinant Human CHGA produced in E.Coli is a single, non-glycosylated polypeptide chain containing 460 amino acids (19-457 a.a) and having a molecular mass of 51.2kDa (Molecular weight on SDS-PAGE will appear higher). Chromgranin-A is fused to 21 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

CGA, CHGA, Vasostatin-2, Pituitary secretory protein I, SP-I.

**Formulation:**

The CHGA protein contains 20mM MES buffer pH-6, 2mM EDTA, 0.1mM PMSF and 10% glycerol.

**Purity:**

Greater than 80.0% as determined by Analysis by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MLPVNSPMNK GDTEVMKCIV EVISDTLSKP SPMPVSQECF ETLRGDERIL  
SILRHQNLLK ELQDLALQGA KERAHQQKKH SGFEDELSEV LENQSSQAEI KEAVEEPSSK DVMEKREDSK  
EAEKSGEATD GARPQALPEP MQESKAEGNN QAPGEEEEEE EEATNTHPPA SLPSQKYPGP QAEGDSEGLS  
QGLVDREKGL SAEPGWQAKR EEEEEEEEA EAGEEAVPEE EGPTVVLNPH PSLGYKEIRK GESRSEALAV  
DGAGKPGAEE AQDPEGKGEQ EHSQQKEEEE EMAVVPQGLF RGGKSGELEQ EEERLSKEWE DSKRWSKMDQ  
LAKELTAEKR LEGQEEEEEN RDSSMKLSFR ARAYGFRGPG PQLRRGWRPS SREDSLEAGL PLQVRGYPEE  
KKEEESANR RPEDQELESL SAIEAELEKV AHQLQALRRG.