

Recombinant Human CHGA protein, His-tagged

Cat. No. CHGA-2740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHGA protein(19-225aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-225aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LPVNSPMNKGDTEVMKCIVEISDTLSKPSPMPVSQECFETLRGDERILSILRHQNLL KELQDLALQGAKERAHQKKHSGFEDELSEVLENQSSQAELEAVEEPSSKDVME KREDSKEAEKSGEATDGARPQALPEPMQESKAEGNNQAPGEEEEEEEEATNTHPP ASLPSQKYPGPQAEGLDSEGLSQGLVDREKGLSAEPGWQA
Purity	98%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

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