

Chromogranin-A Human Recombinant

Item Number	rAP-3014
Synonyms	CGA, CHGA, Vasostatin-2, Pituitary secretory protein I, SP-I.
Description	Recombinant Human CHGA produced in E.Coli is a single, non-glycosylated polypeptide chain containing 114 amino acids (19-131 a.a) and having a molecular mass of 12.8 kDa. Chromogranin-A is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P10645
Amino Acid Sequence	MLPVNSPMNK GDTEVMKCIV EVISDTLSKP SPMPVSQECF ETLRGDERIL SILRHQNLK EL-QDLALQGA KERAHQQKKH SGFEDELSEV LENQSSQAEL KEAVEEPSSK DVME.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The CHGA protein contains 20mM Tris-HCl buffer pH-8, and 10% glycerol. Greater than 95.0% as determined by analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**