

Proguanylin Human Recombinant

Item Number	rAP-2549
Synonyms	Guanylin Precursor, Guanylate cyclase activator 2A, Guanylate cyclase-activating protein 1, Gap-IGUCA2, STARA, GUANYLIN.
Description	Proguanylin Human Recombinant produced in E. coli, is an 11 kDa protein containing 96 amino acid residues of the human proguanylin and 2 additional amino acid residues (underlined).The Proguanylin is purified by proprietary chromatographic techniques.GPVTVDGNF SFSLESVKKL KDLQEPQEPR VGKLRN-
Uniprot Accession Number	Q02747
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	Sterile filtered and lyophilized from 0.5 mg/ml in deionized H2O. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	Add 0.2 ml of deionized H2O and let the lyophilized pellet dissolve completely.
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**