

Human Proguanylin Recombinant Protein



RPPB5753

Product Information Protein Information

Product SKU:

RPPB5753

Accession:

Q02747

Host:

Escherichia Coli.

Protein description:

Proguanylin Human Recombinant produced in E. coli is a single, non-glycosylated polypeptide chain (a.a 22-115) containing 104 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 11.5kDa (calculated).

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Guanylin Precursor, Guanylate cyclase activator 2A, Guanylate cyclase-activating protein 1, Gap-IGUCA2, STARA, GUANYLIN.

Formulation:

Proguanylin filtered (0.4 µm) and lyophilized in 0.5mg/ml in deionized H2O.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Proguanylin is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

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 one week at 4°C.

Amino Acid Sequence:

MKHHHHHHAS VTVQDGNFSF SLESVKCLKD LQEPQEPRVG KLRNFAPIPG EPVVPILCSN PNFPEELKPL
CKEPNAQEIL QRLEEIAEDP GTCEICAYAA CTGC.