

Progranulin Human Recombinant

Item Number rAP-2404

Synonyms GRN, PGRN, granulin, Acrogranin, propithelin, PC cell derived growth Factor, GEP, GP88, PEPI, PCDGF.

Description Progranulin Human Recombinant fused to FLAG at C-terminus produced in HEK is a single, glycosylated, polypeptide chain containing 1-593 amino acids and having a molecular mass of 70kDa. The Progranulin is purified by standard chromatographic techniques.

Uniprot Accesion Number P28799

Amino Acid Sequence

Source HEK 293 cells.

Physical Appearance and Stability Sterile Filtered clear 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 protein solution contains 1xPBS. Greater than 95.0% as determined by SDS-PAGE.

Application

Solubility

Biological Activity Activates ERK phosphorylation in THP-1 and MCF10A cells and induces cell migration of THP-1 monocytic leukemia cells.

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 end users! This product is sold for **Research Use Only**