

Human Granulin/Progranulin (His Tag) recombinant protein



Catalog Number: 500545

General Information

Gene Name Synonym

Proepithelin; Acrogranin; Glycoprotein of 88 Kda; Progranulin; Paragranulin; Granulin-1; Granulin G; Granulin-2; Granulin F; Granulin-3; Granulin B; Granulin-4; Granulin A; Granulin-5; Granulin C; Granulin-6; Granulin D; Granulin-7; Granulin E

Protein Construction

A DNA sequence encoding the human GRN (NP_002078.1) (Met 1-Leu 593) with a C-terminal polyhistidine tag was expressed.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Thr 18

Molecular Mass

The secreted recombinant human GRN comprises 587 amino acids with a predicted molecular mass of 63.2 kDa. As a result of glycosylation, rhGRN migrates as an approximately 100-105 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

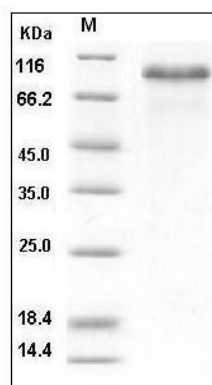
Store it under sterile conditions at -20°C to -80°C .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human Granulin / GRN / Progranulin Protein (His Tag) SDS-PAGE