

Human Granzyme H/GZMH (His Tag) recombinant protein



Catalog Number: 502732

General Information

Gene Name Synonym

CCP-X; Cathepsin G-like 2; Cytotoxic T-lymphocyte proteinase; Cytotoxic serine protease C

Protein Construction

A DNA sequence encoding the human Granzyme H (NP_219491.1) (Met 1-Leu 246) with a C-terminal polyhistidine tag was expressed.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % 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

Glu 19

Molecular Mass

The secreted recombinant human Granzyme H comprises 239 amino acids with a predicted molecular mass of 26.7 kDa. As a result of glycosylation, rh Granzyme H migrates as an approximately 36 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

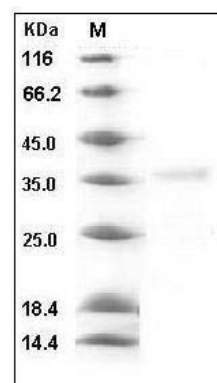
Storage

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 Granzyme H Protein (His Tag) SDS-PAGE