

Human GPR56 (His Tag) recombinant protein



Catalog Number: 502877

General Information

Gene Name Synonym

Protein TM7XN1; GPR56 N-terminal fragment; GPR56 extracellular subunit; GPR56 subunit alpha; GPR56 C-terminal fragment; GPR56 seven-transmembrane subunit; GPR56 subunit beta

Protein Construction

A DNA sequence encoding the human GPR56 isoform b (NP_958933.1) extracellular domain (Met 1-Val 342) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 80 % 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

Arg 26

Molecular Mass

The secreted recombinant human GPR56 comprises 328 amino acids and has a predicted molecular mass of 37.4 kDa. As a result of glycosylation, the apparent molecular mass of rhGPR56 is approximately 50-60 kDa 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

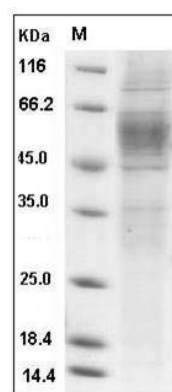
Store it under sterile conditions at -20°C to -80°C .

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 GPR56 / TM7LN4 Protein (His Tag) SDS-PAGE