Human GFRA3 (His & Fc Tag) recombinant protein

Catalog Number: 502214

General Information

Protein Construction

A DNA sequence encoding the human GFRa3 (NP_001487.2) (Met 1-Trp 382) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind mouse ARTN in a functional ELISA.

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℃

Predicted N terminal

Asp 32

Molecular Mass

The recombinant human GFRa3/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 599 amino acids and predicts a molecular mass of 67.3 kDa. As a result of glycosylation, the rh GFRa3/Fc monomer migrates as an approximately 80 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.5
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

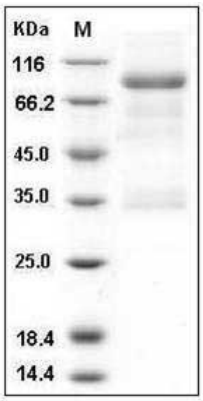
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 GFRA3 / GFR-alpha-3 Protein (His & Fc Tag) SDS-PAGE