Human ROR1/NTRKR1 (aa 453-783, His & GST Tag) recombinant protein

Catalog Number: 503805

General Information

Gene Name Synonym

Neurotrophic tyrosine kinase, receptor-related 1

Protein Construction

A DNA sequence encoding the human ROR1 (AAA60275.1) (Met453-Asn783) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

The specific activity was determined to be 7.3 nmol/min/mg using MBP as substrate.

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℃

Predicted N terminal

Met

Molecular Mass

The recombinant human ROR1/GST chimera consists of 568 amino acids and has a calculated molecular mass of 65.3 kDa. The recombinant protein migrates approximately 63 kDa band in SDS-PAGE under reducing conditions.

Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, 2mM GSH, 3mM DTT, 10% glycerol, 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

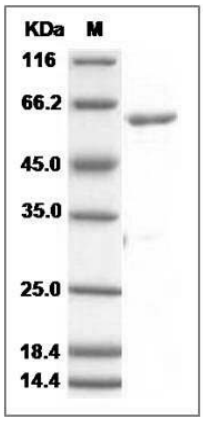
Storage

Store it under sterile conditions at -20℃ 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 ROR1 Protein (aa 453-783, His & GST Tag) SDS-PAGE