Human ROR1 Protein (aa 453-783, His & GST Tag)

Catalog Number: 13968-H20B

General Information

Gene Name Synonym:

dJ537F10.1; NTRKR1

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.

Source: Human

Expression Host: Baculovirus-Insect Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Bio Activity:

The specific activity was determined to be 0.3 nmol/min/mg using MBP as substrate (see Activity Assay Protocol)

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:

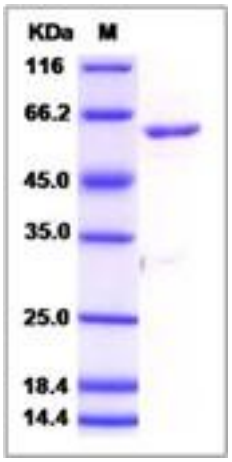
The recombinant human ROR1/GST chimera consists of 568 amino acids and has a calculated molecular mass of 65.3 kDa. The recombinant protein migrates approximately 63 kDa band in SDS-PAGE under reducing conditions.

Formulation:

Supplied as sterile 20mM Tris, 500mM NaCl, 2mM GSH, 3mM DTT, 10% glycerol, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

SDS-PAGE:



Usage Guide

Storage:

Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.