Human TrkA/NTRK1 (aa 285-413, His Tag) recombinant protein

Catalog Number: 503757

General Information

Gene Name Synonym

Neurotrophic tyrosine kinase receptor type 1; TRK1-transforming tyrosine kinase protein; Tropomyosin-related kinase A; Tyrosine kinase receptor; Tyrosine kinase receptor A; gp140trk; p140-TrkA

Protein Construction

A DNA sequence encoding the amino acid sequence (Pro 285-Glu 413) of human NTRK1 (NP_002520.2), corresponding to the Ig-like C2type 2 domain, was expressed and purified, with a N-terminal polyhistidine tag.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70 $^{\circ}\mathrm{C}$

Predicted N terminal

Met

Molecular Mass

The recombinant human NTRK1 Ig-like C2-type 2 domain (aa 285-413) consists of 136 amino acids and has a predicted molecular mass of 15.1 kDa. It migrates as an approximately 16 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tirs, 200mM NaCl, pH 8.0

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

KDa	м
116	
66.2	-
45.0	-
35.0	-
25.0	-
18.4	
14.4	

Human TrkA / NTRK1 Protein (aa 285-413, His Tag) SDS-PAGE

