

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 C2-
type 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°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 Tris, 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

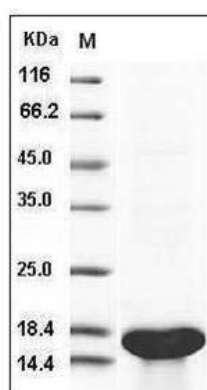
Storage

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



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