

Recombinant Human NTRK3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NTRK3-5483H Lot. No. (See product label)

SPECIFICATION

Product Overview

NTRK3 MS Standard C13 and N15-labeled recombinant protein (NP_001012338) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. Several transcript variants encoding different isoforms have been found for this gene.

Molecular Mass

94.43 kDa

AA Sequence

MDVSLCPAKCSFWRIFLLGSVWLDYVGSVLACPANCVCSKTEINCRRPDDGNLFPL
 LEGQDSGNSNGNASINITDISRNITSIHIENWRS�HTLNAVDMELYTGLQKLTIKNSGL
 RSIQPRAFKNPHLRYPINLSSNRLTTLQSWQLFQTLRLRELQLEQNFFNCSCDIRWMQ
 LWQEQGEAKLNSQNLQYICINADGSQLPLFRMNISQCDLPEISVSHVNLTVREGDNAV
 TCNGSGSPLPDVDWIVTGLQSIHQTNLNLWTVHAINLTLVNVTSSENGFTLTICIAE
 NVVGMNASVALTVYPPRVVSLEEPELRLEHCIEFVVRGNPPPTLHWHNGQPLR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ESKIIHVEYYQEGEISEGCLLFNKPHTYNNNGNYTLIAKNPLGTANQTINGHFLKEPFPE
 STDNFILFDEVSPPTPITVTHKPEEDTFGVSIAVGLAAAFACVLLVLFVMMINKYGRRSK
 FGMKGPVAVISGEEDSASPLHHINHGITTPSSLDAGPDTVVIGMTRIPVIENPQYFRQ
 GHNCHKPDTYVQHIKRRDIVLKRRELGEGAFGKVFLAECYNLSPTKDKMLVAVKALKD
 PTLAARKDFQREAELLTNLQHEHIVKFYGVCGDGDPLIMVFEYMKHGDLNKFLRAHG
 PDAMILVDGQPRQAKGELGLSQMLHIASQIASGMVYLASQHFVHRDLATRNLVGA
 NLLVKIGDFGMSRDVYSTDYRFLNPSGNDFCIWCEVGGHTMLPIRWMPPEESIMYR
 KFTTESDVWSFGVILWEIFTYKQPWFQLSNTEVIECITQGRVLERPRVCPKEVYDV
 MLGCWQREPQQRLNIKEIYKILHALGKATPIYLDILGTRTRPLEQKLISEEDLAANDILD
 YKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name NTRK3 neurotrophic receptor tyrosine kinase 3 [Homo sapiens (human)]

Official Symbol NTRK3

Synonyms NTRK3; neurotrophic tyrosine kinase, receptor, type 3; NT-3 growth factor receptor; TRKC; GP145-TrkC; ETV6-NTRK3 fusion; tyrosine kinase receptor C; ETS related protein-neurotrophic receptor tyrosine kinase fusion protein; gp145(trkC);

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID 4916

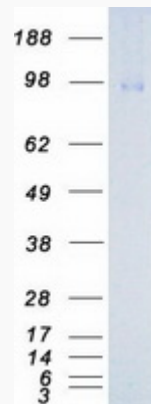
mRNA Refseq NM_001012338

Protein Refseq NP_001012338

MIM 191316

UniProt ID Q16288

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA