PRODUCT INFORMATION

Target	NTRK3
Synonyms	gp145(trkC);GP145-TrkC;TRKC
Description	Recombinant human NTRK3 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q16288
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	NTRK3(Cys32-Thr429) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 70.9 kDa after removal of the signal peptide.The apparent molecular mass of NTRK3-hFc is approximately 100-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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. [provided by RefSeq, Jul 2011]
Usage	Research use only
Conjugate	Unconjugated

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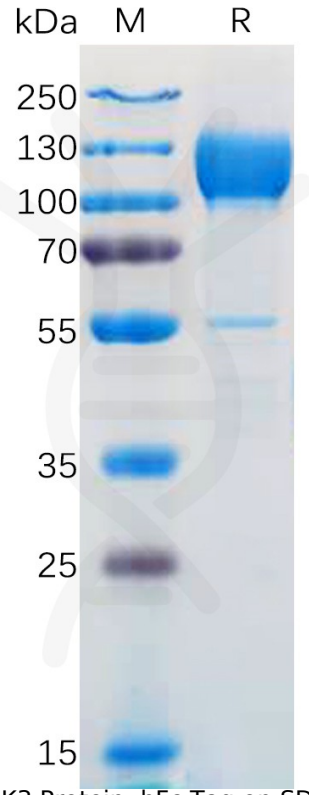


Figure 1. Human NTRK3 Protein, hFc Tag on SDS-PAGE under reducing condition.

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