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TrkB, Active recombinant protein

TrkB, neurotrophic tyrosine kinase, receptor, type 2
Catalog # PBV11333r

Specification

TrkB, Active recombinant protein - Product info

Primary Accession	Q16620
Concentration	0.1
Calculated MW	67.0 kDa KDa

TrkB, Active recombinant protein - Additional Info

Gene ID	4915
Gene Symbol	TRKB/ NTRK2

Other Names
TrkB, neurotrophic tyrosine kinase, receptor, type 2, GP145-TrkB, Neurotrophic tyrosine kinase receptor type 2, TrkB tyrosine kinase, Tropomyosin-related kinase B

Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥80%
Assay2&Purity2	HPLC;
Recombinant	Yes

Format
Liquid

Storage
-80°C; Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.

TrkB, Active recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TrkB, Active recombinant protein - Images

TrkB, Active recombinant protein - Background

TRKB is a member of the neurotrophic tyrosine receptor kinase (NTRK) family. TRKB is the high affinity catalytic receptor for several "neurotrophins", which are small protein growth factors that induce the survival and differentiation of distinct cell populations (1). TRKB is a membrane-bound

receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway (2). Signalling through TRKB leads to cell differentiation. Mutations in the TRKB gene have been associated with obesity and mood disorders.