

Human CellExp™ TrkA, human recombinant

CATALOG NO:	P1020-10	10 µg
ALTERNATE NAMES:	Trk-A, NTRK1, MTC, TRK, TRKA, Tyrosine kinase Receptor A	
SOURCE:	HEK 293	
PURITY:	> 95% as analyzed by SDS-PAGE.	
MOL. WT.	65~85 kDa, observed by reducing SDS-PAGE.	
ENDOTOXIN LEVEL:	< 0.2 EU/µg, determined by LAL method.	
FORM:	Lyophilized	
FORMULATION:	Lyophilized after extensive dialysis against PBS.	
STORAGE CONDITIONS:	Centrifuge the vial prior to opening. Reconstitute in ddH2O or sterile PBS to a concentration of 100 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.	
RECONSTITUTION:	Reconstituted in ddH2O or PBS at 100 µg/ml.	
DESCRIPTION:	Tyrosine kinase receptor A (Trk-A) is a member of the neurotrophic tyrosine kinase receptor family which includes three members: Trk-A, Trk-B and Trk-C. Trk-A is involved in the development and maturation of the central and peripheral nervous systems through regulation of proliferation, differentiation and survival of sympathetic neurons.	
AMINO ACID SEQUENCE:	APCPDACCPH GSSGLRCTRD GALDSLHHL P GAENLT ELYI ENQQHLQHLE LRDLRGLGEL RNLTIKSGL RFVAPDAHFH TPRLSRLNLS FNALESLSWK TVQGLSLQEL VLSGNPLHCS CALRWLQRWE EEGLGGVPEQ KLQCHGQGPL AHMPNASC GV PTLKVQVPNA SVDVGDDVLL RCQVEGRGLE QAGWILTELE QSATVMKSGG LPSLGLTLAN VTSDLNRKNV TCWAENDVGR AEVSVQVNV S FPASVQLHTA VEMHHWCIPF SVDGQPAPSL RWLFNGSVLN ETSFIFTEFL EPAANETVRH GCLRLNQPTH VNNNGYTLA ANPFGQASAS IMAAFMDNPF EFNPE DPIP V SFSPVDTNST SGDP	
BIOLOGICAL ACTIVITY:	ED50 <1 µg/ml, measured in a neutralization assay in the presence of 10 ng/ml human β-NGF using TF-1 Cells.	

RELATED PRODUCT:

- Active TrkB (**Cat. No. 7758-5**)
- DiscoveryPak™ Receptor Tyrosine Kinase (RTK) Inhibitor Set (**Cat. No. k859-8**)
- TrkA Antibody (**Cat. No. 3194-100**)
- TrkB Antibody (**Cat. No. 3593-100**)
- Human CellExp™ NTRK2 /TRKB, human recombinant (**Cat. No. 7468-10**)
- Phospho-TrkA Antibody (**Cat. No. 3503-100**)
- TrkA Blocking Peptide (**Cat. No. 3194BP-50**)
- TrkB Blocking Peptide (**Cat. No. 3593BP-50**)

FOR RESEARCH USE ONLY! Not to be used on humans.