

Product datasheet for **TP726684**

Ntrk2 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse TrkB (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Cys32-His429
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Mouse Neurotrophic Tyrosine Kinase Receptor Type 2 is produced by our Mammalian expression system and the target gene encoding Cys32-His429 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	18212
UniProt ID:	P15209
Summary:	The TRK Family of Tyrosine Kinase Receptor consists of 3 members: TrkA, TrkB and TrkC. The three TRK family proteins have different ligand specificities. They connect to different neurotrophins, including NGF, BDNF, NT-3/NT-4/5. TRKA binds NGF, TRKB binds BDNF and NT-3, TRKC binds NT-4/5. At the protein sequence level, human and rat TRKB have greater than 90% sequence identity and the proteins exhibit cross-species activity. TRKB is primarily expressed in the nervous system and it also expression in a wide variety of tissues with low levels.



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