

TrkA Protein, Canine (HEK293, His)

Cat. No.:	HY-P73456
Synonyms:	High affinity nerve growth factor receptor; Trk-A; NTRK1; MTC; TRK
Species:	Canine
Source:	HEK293
Accession:	XP_851619.3 (P285-K410)
Gene ID:	490404
Molecular Weight:	27-33 kDa

PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	TrkA Protein (isoform 3) is only expressed in undifferentiated early neural progenitor cells, human neuroblastoma (NBs), and other subsets of neural crest-derived tumors, and can promote angiogenesis and exhibit carcinogenic activity when overexpressed. TrkA Protein (isoform 3) antagonizes the anti-proliferative NGF-NTRK1 signaling that promotes the differentiation of neuronal precursors ^[1] .
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Caution: Product has not been fully validated for medical applications. For research use only.

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