

Recombinant Mouse TrkB protein(Met1-His429), His-tagged

Cat. No. Ntrk2-1353M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse NTRK2 (P15209-2) (Met 1-His 429) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-429 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized recombinant Mouse/Human BDNF Protein (Native) at 10 µg/ml (100 µl/well) can bind biotinylated mouse TrkB-His with a linear range of 10-80 ng/ml.
Molecular Mass	The secreted recombinant mouse NTRK2 consists of 409 amino acids and has a calculated molecular mass of 46 kDa. The apparent molecular mass of rm NTRK2 is approximately 75-85 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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