NTRK1
Recombinant Human TRKA / NTRK1 His

Catalog No.	CSI13444	**Quantity:**	10 µg

Alternate Names: MTC, TRK, TRK1, TRKA,

Description: Recombinant human cytoplasmic domain (amino acids 441-796), histidine tagged at the C-terminal end, expressed in insect cells. No special measures were taken to this kinase.

Concentration: Lot specific, determined by Bradford protein assay with BSA as a standard.

Gene ID: 4914

Protein Accession No: NP_002520

Source: Insect cells (baculovirus)

Molecular Weight: 42.8 kDa

Formulation: 50 mM Tris, pH 7.5, + 100 mM NaCl + 0.2 mM EDTA + 0.05% Triton X-100 + 5 mM DTT + 50% glycerol

Purity: 90% as determined by a Coomassie® blue stained SDS-PAGE gel.

Mass Spectrometry: NTRK1 was subjected to proteolytic digest followed by mass spec analysis. The resulting MS/MS data verified NTRK1 identity by comparison against the amino acid sequence of the recombinant protein.

Specific Activity: Lot specific, determined as nmoles of phosphate transferred to poly [Glu, Tyr] 4:1 substrate per minute per mg of total protein at 30°C. Activity determined at a final protein concentration of 1 µg/mL.

Amino Acid Sequence:
MKCGRRNKFG INRPAVLAPE DGLAMSLHFM TLGGSSLSPT EGKGSGLQGH
IIENPQYFSD ACVHHIKRRD IVLKWELGEG AFGKVFLAEC HNLLPEQDKM
LVAVKALKEA SESARQDFQR EAELLTMLQH QHIVRFFGVC TEGRPLLMVF
EYMRHGDLNR FLRSHGPDAK LLAGGEDVAP GPLGLGQLLA VASQVAAGMV
YLAGLHFVHR DLATRNCLVG QGLVVKIGDF GMSRDIYSTD YYRVGGRTML
PIRWMPPESI LYRKFTTESD VWSFGVVLWE IFTYGKQPWY QLSNTEAIDC
ITQGRELERP RACPPEVYAI MRGCWQREPQ QRHSIKDVHA RLQALAQAPP
VYLDVLGKGV EACQLGTDDY DIPTTHHHHH H

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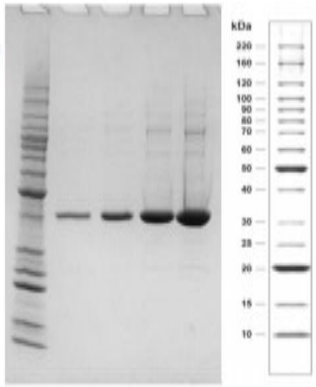
Storage & Stability: For maximum recovery please spin prior to use. Store at -80°C. **Please never store a kinase diluted.** If properly stored at −80°C, this product is guaranteed for 6 months from date of purchase. **Avoid repeated freeze-thaw cycles.**

SDS-PAGE and Native PAGE gels of Human NTRK1.
Lane 1, MW markers. Lanes 2-5, 1 µg, 2 µg, 5 µg, and 10 µg NTRK1.



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