

Datasheet for ABIN7596463

## TrkC Protein (AA 32-429) protein (His tag)



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### Overview

Quantity:	250 µg
Target:	Tropomyosin receptor kinase C (TrkC)
Protein Characteristics:	AA 32-429
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS)

### Product Details

Sequence:	CPANCVCSKT EINCRRPDDG NLFPLLEGQD SGNSNGNASI NITDISRNIT SIHIENWRGL HTLNAVDMEL YTGLQKLTIK NSGLRNIQPR AFAKNPHLRY INLSSNRLTT LSWQLFQTLS LRELRLQNF FNCSCDIRWM QLWQEQGEAR LDSQSLYCIS ADGSQPLPLFR MNISQCDLPE ISVSHVNLTV REGDNAVITC NGSGSPLPDV DWIVTGLQSI NTHQTNLNWT NVHAINLTLV NVTSEDNGFT LTCIAENVVG MSNASVALTV YPPRVVSLV EPEVRLEHCI EFVVRGNPTP TLHWLYNGQP LRESKIIHMD YYQEGEVSEG CLLFNKPHTY NNGNYTLIAK NALGTANQTI NGHFLKEPFP ESTDFFDFES DASPTPPITV THKPEEDT
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

## Target Details

Target:	Tropomyosin receptor kinase C (TrkC)
Background:	<p>TrkC, also known as NT-3 growth factor receptor, is part of the large family of receptor tyrosine kinases. TrkC is the high affinity catalytic receptor for the neurotrophin NT-3 (neurotrophin-3). As such, TrkC mediates the multiple effects of this neurotrophic factor, which includes neuronal differentiation and survival. Family of neurotrophin receptors including NTRK3 have been shown to induce a variety of pleiotropic response in malignant cells, including enhanced tumor cell invasiveness and chemotaxis. Increased NTRK3 expression has been demonstrated in neuroblastoma, in medulloblastoma, and in neuroectodermal brain tumors. Recombinant mouse TrkC, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.</p>
Molecular Weight:	45.4kDa (404aa)
NCBI Accession:	<a href="#">NP_032772</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.