

Datasheet for ABIN5713036

BDNF Protein (AA 136-243, partial) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	BDNF
Protein Characteristics:	partial, AA 136-243
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BDNF protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	RRGELSVCDSEWVTAADK KTAVDMSGGT VTVLEKVPVS KGQLKQYFYETKCNPMGYTK EGCRGIDKRHWNSQCRTTQSYVRALTMDSK KRIGWRFIRIDTSCVCTL
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	BDNF
Alternative Name:	BDNF (BDNF Products)
Background:	During development, promotes the survival and differentiation of selected neuronal populations of the peripheral and central nervous systems. Participates in axonal growth, pathfinding and in the modulation of dendritic growth and morphology. Major regulator of synaptic transmission and

Target Details

	plasticity at adult synapses in many regions of the CNS .
Molecular Weight:	16.4 kDa
UniProt:	P23363
Pathways:	RTK Signaling , Synaptic Membrane , Feeding Behaviour , Dicarboxylic Acid Transport , Regulation of long-term Neuronal Synaptic Plasticity

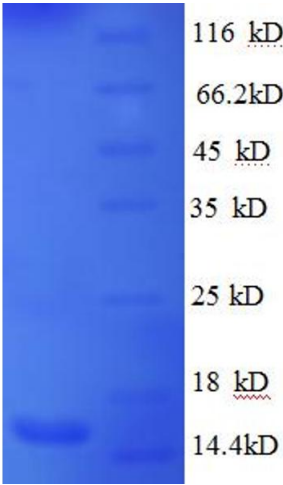
Application Details

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

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.