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Datasheet for ABIN7505123

BDNF Protein (AA 129-247) (His tag)

Overview

Quantity:	100 µg
Target:	BDNF
Protein Characteristics:	AA 129-247
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BDNF protein is labelled with His tag.

Product Details

Sequence:	His 129-Arg 247
Characteristics:	A DNA sequence encoding the Human BDNF protein (P23560) (His 129-Arg 247) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	BDNF
Alternative Name:	BDNF (BDNF Products)
Background:	<p>Background: The precursor form of Brain-Derived Neurotrophic Factor (pro-BDNF) interacts preferentially with the pan-neurotrophin receptor p75 (p75NTR) and vps10p domain-containing receptor sortilin and induces neuronal apoptosis, whereas mature BDNF selectively bind</p> <p>Synonym: Brain-Derived Neurotrophic Factor,BDNF,Abrineurin</p>

Target Details

Molecular Weight:	12.98 kDa
UniProt:	P23560
Pathways:	RTK Signaling , Synaptic Membrane , Feeding Behaviour , Dicarboxylic Acid Transport , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months