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Datasheet for ABIN7013014

## Netrin 1 Protein (NTN1) (AA 22-604) (His tag)

### Overview

Quantity:	100 µg
Target:	Netrin 1 (NTN1)
Protein Characteristics:	AA 22-604
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Netrin 1 protein is labelled with His tag.

### Product Details

Purpose:	Human Netrin-1 Protein, His Tag
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

### Target Details

Target:	Netrin 1 (NTN1)
Alternative Name:	Netrin-1 ( <a href="#">NTN1 Products</a> )
Background:	Netrins control guidance of CNS commissural axons and peripheral motor axons. Its association with either DCC or some UNC5 receptors will lead to axon attraction or repulsion, respectively. Binding to UNC5C might cause dissociation of UNC5C from polymerized TUBB3 in microtubules and thereby lead to increased microtubule dynamics and axon repulsion. Involved

## Target Details

in dorsal root ganglion axon projection towards the spinal cord. It also serves as a survival factor via its association with its receptors which prevent the initiation of apoptosis. Involved in tumorigenesis by regulating apoptosis.

Molecular Weight:	67.5 kDa
NCBI Accession:	<a href="#">NP_004813</a>
Pathways:	<a href="#">Regulation of Cell Size</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4 with NaCl
Storage:	-20 °C