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Datasheet for ABIN7318812

Netrin G1 Protein (NTNG1) (His tag)

Overview

Quantity:	50 µg
Target:	Netrin G1 (NTNG1)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Netrin G1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Netrin-G1/NTNG1 Protein (His Tag)
Sequence:	His29-Ser409
Characteristics:	Recombinant Human Netrin-G1 is produced by our Mammalian expression system and the target gene encoding His29-Ser409 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Netrin G1 (NTNG1)
Alternative Name:	Netrin-G1/NTNG1 (NTNG1 Products)
Background:	Background: Netrin-G1 (NTNG1) is a member of a conserved family of proteins that act as axon guidance cues during vertebrate nervous system development. Netrin-G1 contains one laminin EGF-like domain and one laminin N-terminal domain, Netrin-G1 is highly expressed in the

Target Details

thalamus, lowly in other tissue. Netrin-G1 localizes to the cell membrane. Netrin-G1 interacts with NGL1 and is glycosylated in the N-terminal. In addition, Netrin-G1 can promote neurite outgrowth of both axons and dendrites.

Synonym: Netrin-G1, Laminet-1, NTNG1, KIAA0976, LMNT1

Molecular Weight: 43.5 kDa

UniProt: [Q9Y2I2](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 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.