

Human CellExp Netrin-1, human recombinant protein
NTN1
Catalog # PBV11184r**Specification**

Human CellExp Netrin-1, human recombinant protein - Product info

Primary Accession [O95631](#)
Calculated MW ~80.0 kDa. Human netrin-1 (aa 25-604) is fused at the C-terminus to a FLAG®-tag. KDa

Human CellExp Netrin-1, human recombinant protein - Additional Info

Gene ID	9423
Gene Symbol	NTN1
Other Names	
NTN1	
Gene Source	Human
Source	HEK293 cells
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	Induces axon outgrowth.
Target/Specificity	
Netrin-1	

Application Notes

Reconstitute with 100 µl sterile distilled water.

Format

Lyophilized

Storage

-20°C; Lyophilized in PBS with trehalose and Brij 35.

Human CellExp Netrin-1, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp Netrin-1, human recombinant protein - Images**Human CellExp Netrin-1, human recombinant protein - Background**

Netrin-1 controls 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. It also serve as a survival factor via its association with its receptors which prevent the initiation of apoptosis. Netrin-1 is also Involved in tumorigenesis by regulating apoptosis.

Human CellExp Netrin-1, human recombinant protein - References

Meyerhardt J.A.,et al.Cell Growth Differ. 10:35-42(1999).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Li J.,et al.Mol. Cell. Proteomics 9:2517-2528(2010).
Mazelin L.,et al.Nature 431:80-84(2004).
Liu G.,et al.Proc. Natl. Acad. Sci. U.S.A. 106:2951-2956(2009).