

# Human CellExp™ Netrin-1, human recombinant

**RELATED PRODUCTS:**

- UNC5B, human recombinant (Cat. No. 7576-10)

<b>CATALOG #:</b>	7575-10	10 µg
<b>ALTERNATE NAMES:</b>	NTN1	
<b>SOURCE:</b>	HEK 293 cells	
<b>PURITY:</b>	≥ 95% by SDS-PAGE gel	
<b>MOL. WEIGHT:</b>	~80.0 kDa. Human netrin-1 (aa 25-604) is fused at the C-terminus to a FLAG®-tag.	
<b>ENDOTOXIN LEVEL:</b>	<0.01 EU/µg purified protein (LAL test; Lonza).	
<b>FORM:</b>	Lyophilized	
<b>FORMULATION:</b>	Lyophilized in PBS with trehalose and Brij 35.	
<b>RECONSTITUTION:</b>	Reconstitute with 100 µl sterile distilled water.	
<b>STORAGE CONDITIONS:</b>	Prepare aliquots and store at -20°C. Avoid repeated freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.	

**DESCRIPTION:** 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.

**BIOLOGICAL ACTIVITY:** Induces axon outgrowth.

**SPECIFICITY:** Binds to human, mouse and rat UNC5B.

**FOR RESEARCH USE ONLY! Not to be used in humans.**