

Human Netrin receptor DCC Protein

Cat. No. NTN-HM10R

Description

Source	Recombinant Human Netrin receptor DCC Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains His26-Asn1097.
Accession	P43146
Molecular Weight	The protein has a predicted MW of 144.27 kDa. Due to glycosylation, the protein migrates to 140-160 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

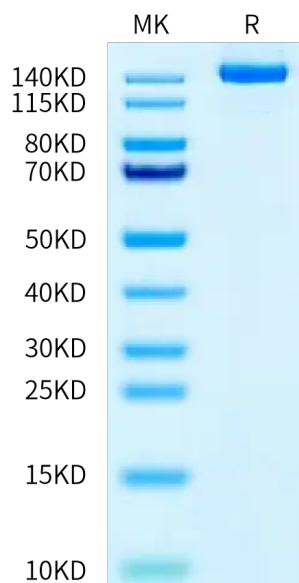
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

DCC (Deleted in Colorectal Cancer) is a single-pass transmembrane protein that belongs to the immunoglobulin superfamily. It was originally identified as a prognostic tumor marker and then subsequently found to be a receptor for netrin-1. DCC plays a key role in axon guidance and also in a number of other important cellular processes.

Assay Data

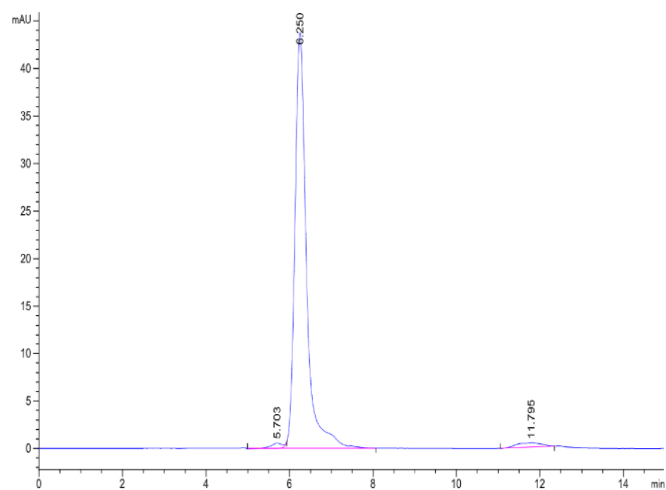
Bis-Tris PAGE



Human Netrin receptor DCC on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Human Netrin receptor DCC is greater than 95% as determined by SEC-HPLC.