

Recombinant Human UNC5C protein, His-tagged

Cat. No. UNC5C-630H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UNC5C protein(O95185-1) (Met1-Tyr380) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Tyr380
Tag	C-His
Form	Lyophilized from sterile PBS, 8% Glycerol, 5% trehalose, pH 7.4.
Bio-activity	Label Recombinant Human Netrin G1 / NTNG1 Protein, His Tag with biotin. Loaded Biotinylated Recombinant Human Netrin G1 / NTNG1 Protein on SA Biosensor, can bind Recombinant Human UNC5C Protein, His Tag with an affinity constant of 1.28 μ M as determined in BLI assay (Sartorius Octet RED384).
Molecular Mass	The recombinant Human UNC5C consisting of 351 amino acids and has a calculated molecular mass of 39.99 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 48.7 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method

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Purity	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	UNC5C unc-5 homolog C (C. elegans) [Homo sapiens]
Official Symbol	UNC5C
Synonyms	UNC5C; unc-5 homolog C (C. elegans); unc5 (C.elegans homolog) c; netrin receptor UNC5C; unc-5 homolog 3; protein unc-5 homolog 3; protein unc-5 homolog C; UNC5H3;
Gene ID	8633
mRNA Refseq	NM_003728
Protein Refseq	NP_003719
MIM	603610
UniProt ID	O95185

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