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 μM 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 μg 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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