

Recombinant Human UNC5C protein, GST-tagged

Cat. No. UNC5C-3599H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UNC5C protein(492-597 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	492-597 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	PLPNLKIKVYNTSGAVTPQDDLSEFTSKLSPQMTQSLLENEALSLKNQSLARQTDPS CTAFGSFNSLGGHLIVPNSGVSLIPAGAIPQGRVYEMYVTVHRKETMR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

 Tel: 1-631-559-9269 1-516-512-3133

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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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