

## Recombinant Human UNC5B Protein, His-tagged

Cat. No. UNC5B-556H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human UNC5B (NP_734465.2) (Met1-Pro363) was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-363 a.a.
<b>Predicted N Terminal</b>	Gly 27
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant human UNC5B consists 348 amino acids and predicts a molecular mass of 39.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [UNC5B unc-5 homolog B \(C. elegans\) \[ Homo sapiens \]](#)

**Official Symbol** [UNC5B](#)

**Synonyms** UNC5B; unc-5 homolog B (C. elegans); unc5 (C.elegans homolog) b; netrin receptor UNC5B; p53RDL1; UNC5H2; unc-5 homolog 2; protein unc-5 homolog 2; protein unc-5 homolog B; transmembrane receptor Unc5H2; p53-regulated receptor for death and life protein 1;

**Gene ID** [219699](#)

**mRNA Refseq** [NM\\_001244889](#)

**Protein Refseq** [NP\\_001231818](#)

**MIM** [607870](#)

**UniProt ID** [Q8IZJ1](#)

**Chromosome Location** 10q22.2

**Pathway** Apoptosis, organism-specific biosystem; Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Netrin mediated repulsion signals, organism-specific biosystem; Netrin-1 signaling, organism-specific

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