Recombinant Rat UNC5B protein, hFc-tagged

Cat. No. UNC5B-2181R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat UNC5B protein(NP_071543.1)(Met1-Asp373), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Asp373
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat UNC5B/Fc is a disulfide-linked homodimer. The reduced monomer comprises 588 amino acids and has a predicted molecular mass of 65.7 kDa. The apparent molecular mass of the protein is approximately 72-90 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
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.

Tel: 1-631-559-9269 1-516-512-3133
Email: 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 0.2 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) [Rattus norvegicus]
Official Symbol	UNC5B
Synonyms	UNC5B; unc-5 homolog B (C. elegans); netrin receptor UNC5B; unc-5 homolog 2; protein unc-5 homolog 2; protein unc-5 homolog B; transmembrane receptor Unc5H2; Unc5h2;
Gene ID	60630
mRNA Refseq	NM_022207
Protein Refseq	NP_071543

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