

Recombinant Rat Unc5b, Fc tagged

Cat. No. UNC5B-101R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Unc5b (NP_071543.1) (Met1-Asp373), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Rat
Source	Human Cells
ProteinLength	1-373 a.a.
Predicted N Terminal	Gly 27
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol 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 co
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage

Store it under sterile conditions at -20oC~-70oC. 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. 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

Gene ID

[60630](#)

mRNA Refseq

[NM_022207](#)

Protein Refseq

[NP_071543](#)

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