



Recombinant Protein Technical Manual
Recombinant Rat UNC5B/UNC5H2 Protein (Fc Tag)
RPES1090

Product Data:

Product SKU: RPES1090

Size: 50µg

Species: Rat

Expression host: HEK293 Cells

Uniprot: NP_071543.1

Protein Information:

Molecular Mass: 65.7 kDa

AP Molecular Mass: 72-90 kDa

Tag: C-Fc

Bio-activity:

Purity: > 85 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile PBS, pH 7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: UNC5B

Immunogen Information:

Sequence: Met1-Asp373

Background:

The netrin receptor, UNC-5 Homology B, or UNC5B plays vital roles in angiogenesis, inflammation, embryonic development and carcinogenesis. Overexpression of UNC5B human colon epithelial cells suppressed dextran sodium sulfate, or DSS-induced apoptosis and caspase-3 activity. In addition, is a potential anti-neoplastic target in bladder cancer progression and inflammatory arthritis.