

Recombinant Rat UNC5B/UNC5H2 Protein (Fc Tag)

Catalog Number: PKSR030375

Note: Centrifuge before opening to ensure complete recovery of vial contents.

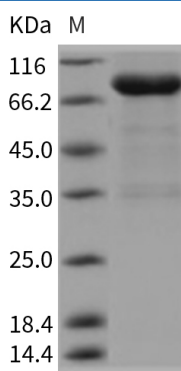
Description

Species	Rat
Source	HEK293 Cells-derived Rat UNC5B/UNC5H2 protein Met1-Asp373, with an C-terminal hFc
Calculated MW	65.7 kDa
Observed MW	72-90 kDa
Accession	NP_071543.1
Bio-activity	Not validated for activity

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, 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 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 85 % as determined by reducing SDS-PAGE.

Background

The netrin-1 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.

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