9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

UNC5B Rat

UNC-5 Netrin Receptor B Rat Recombinant
RCP2515

Product Overview

Name	UNC5B Rat
Description	
UNC-5 Netrin Receptor B Rat Recombinant	
Accession (Primary)	O08722
Synonyms	
unc-5 netrin receptor B, Unc5h2, unc-5 homolog 2, Protein unc-5 homolog B, netrin receptor UNC5B precursor, netrin receptor UNC5B, protein unc-5 homolog 2, unc5b.	
Introduction	
UNC-5 Netrin Receptor B or UNC5B, is part of the UNC5 family that has 4 linked receptors and act as a axon guidance molecule Netrin-1 receptor. UNC5B promotes inhibitionleukocyte migration, capillary branching and osteoclast differentiation that are Netrin-1-mediated. UNC5B is responsible for the activation of DAPK1 that can cause apoptosis. The protein takes part in tumorgenesis, development of atherosclerosis and tubular epithelial cells survival when an acute injury in the kidney occurs.	
Source	
HEK293.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
UNC5B protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
DGS MGIDSGG QALPDSFPSA PAEQLPHFLL EPEDAYIVKN KPVELHCRAF PATQIYFKCN GEWVSQKGHV TQESLDEATG LRIREVQIEV SRQQVEELFG LEDYWCQCVA WSSSGTTKSR RAYIRIAYLR KNFDQEPLAK EVPLDHEVLL QCRPPEGVPV AEVEWLKNED VIDPAQDTNF LLTIDHNLII RQARLSDTAN YTCVAKNIVA	

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KRRSTTATVI VYVNGGWSSW AEWSPCSNRC GRGWQKRTRT CTNPAPLNGG AFCEGQACQK TACTTVCPVD GAWTEWSKWS ACSTECAHWR SRECMAPPPQ NGGRDCSGTL LDSKNCTDGL CVLNQRTLND PKSRPLEPSG D VEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSDGS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH.

Precautions

UNC5B Rat is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O08722)