

## 32-13499: UNC5B Rat

**Alternative Name :** 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.

### Description

Source: HEK293.

Sterile filtered colorless solution.

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 tumorigenesis, development of atherosclerosis and tubular epithelial cells survival when an acute injury in the kidney occurs.

UNC5B Rat Recombinant produced in HEK293 is a single, non-glycosylated polypeptide chain containing 590 amino acids (27-373 a.a) and having a molecular mass of 66.0kDa. UNC5B is fused to a 243 amino acid hIgG-His-tag at C-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** UNC5B protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Storage condition :** 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.

**Amino Acid :** DGSMGIDSGG QALPDSFPSA PAEQLPHFLL EPEDAYIVKN KPVELHCRAF PATQIYFKCN GEVVSQKGHV  
TQESLDEATG LRIREVQIEV SRQQVEELFG LEDYWCQCVA WSSSGTTKSR RAYIRIAYLR KNFDQEPLAK  
EVPLDHEVLL QCRPPEGVPV AEVEWLKNEID VIDPAQDTNF LLTIDHNLII RQARLSDTAN YTCVAKNIVA  
KRRSTTATVI VYVNGGWSSW AEWSPCSNNRC GRGWQKRTRT CTNPAPLNGG AFCEGQACQK  
TACTTVCPVD GAWTEWSKWS ACSTECACWHR SRECMAPPPQ NGGRDCSGTL LDSKNCTDGL  
CVLNQRTLND PKSRPLEPSG DVEPKSCDKT HTCPCCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV  
VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE  
KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGDS  
FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH.