9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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RAB5B Human

RAB5B, Member RAS Oncogene Family Human Recombinant
RCP1773

Product Overview

Name	RAB5B Human
Description	
RAB5B, Member RAS Oncogene Family Human Recombinant	
Accession (Primary)	P61020
Synonyms	
Ras-related protein Rab-5B, RAB5B.	
Introduction	
Ras-related protein Rab-5B (RAB5B) belongs to the Rab family of small (monomeric) G proteins. RAB5B is involved in endocytosis and recycling of cell surface molecules. RAB5B interacts with RIN2 and RIN3, which regulate its function, possibly by acting as GEFs. Knockdown of RAB5B abolished group I metabotropic glutamate receptor (mGluR)-mediated neuroprotection.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The RAB5B solution (1 mg/ml), 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 0.2M NaCl.	
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	
MGSSHHHHHH SSGLVPRGSH MGS MTSRSTA RPNGQPQASK ICQFKLVLLG ESAVGKSSLV LRFVKGQFHE YQESTIGAAF LTQSVCLDDT TVKFEIWDTA GQERYHSLAP MYYRGAQAAI VVYDITNQET FARAKTWVKE LQRQASPSIV IALAGNKADL ANKRMVEYEE AQAYADDNSL LFMETSAKTA MNVNDLFLAI AKKLPKSEPQ NLGGAAGRSR GVDLHEQSQQ NKSQCCSN.	
Precautions	

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RAB5B Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P61020)