

## 32-4573: Recombinant Human RAB5B, Member RAS Oncogene Family

**Alternative Name :** Ras-related protein Rab-5B, RAB5B.

### Description

Source : Escherichia Coli. RAB5B Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 238 amino acids (1-215 a.a.) and having a molecular mass of 26.1kDa. The RAB5B is purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	The RAB5B solution (1 mg/ml), 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 0.2M NaCl.
<b>Storage condition :</b>	RAB5B should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSMTSRSTA RPNGQPQASK ICQFKLVLLG ESAVGKSSLV LRFVKGQFHE YQESTIGAAF LTQSVCLDDT TVKFEIWDTA GQERYHSLAP MYYRGAQAAI VVDITNQET FARAKTWVKE LQRQASPSIV IALAGNKADL ANKRMVEYEE AQAYADDNSL LFMETSAKTA MNVNDLFLAI AKKLPKSEPQ NLGGAAGRSR GVDLHEQSQQ NKSQCCSN.

