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32-4569: Recombinant Human RAB3D, Member RAS Oncogene Family

Alternative Name : Ras-related protein Rab-3D,RAB3D,GOV,RAB16,D2-2,RAD3D.

Description

Source : Escherichia Coli. RAB3D produced in E.Coli is a single, non-glycosylated polypeptide chain containing 239 amino acids (1-219 a.a) and having a molecular mass of 26.4kDa (Molecular weight on SDS-PAGE will appear higher). RAB3D is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Ras-related protein Rab-3D (RAB3D) belongs to the Ras superfamily of small Rab GTPases. Rab proteins play a vital role for, either in endocytosis or in biosynthetic protein transport. Rab3D mRNA is primarily expressed in white adipose tissue and, coincident with GLUT4, increases upon differentiation of 3T3-L1 fibroblasts into insulin-responsive adipocytes. Rab3D exhibits close structural similarities with Rab 3A, an isoform which is functionally associated with regulated exocytosis in various cell types.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	RAB3D protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 0.2M NaCl.
Storage condition :	RAB3D Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MASAGDTQAG PRDAADQNFD YMFKLLLIGN SSVGKTSFLF RYADDSFTPA FVSTVGIDFK VKTVYRHDKR IKLQIWDTAG QERYRTITTA YYRGAMGFLL MYDIANQESF AAVQDWATQI KTYSWDNAQV ILVGNKCDLE DERVVPAEDG RRLADDLGFE FFEASAKENI NVKQVFERLV DVICEKMNES LEPSSSSGSN GKGPAVGDAP APQPSSCSC.

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