
Product Data Sheet

Product Name: RAB4A Human
 Cat. No.: GP24300
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ras-related protein Rab-4A; RAB4A; RAB4; HRES-1/RAB4.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSQTAMSETY DFLFKFLVIG NAGTGKSCLL HQFIEKKFKD DSNHTIGVEF GSKIINVGGK YVKLQIWDTA GQERFRSVTR SYYRGAAGAL LVDITSRET YNALTNWLTD ARMLASQNIV IILCGNKKDL DADREVTFL EASRFAQENEL MFLETSALTG ENVEEAFVQC ARKILNKIES GELDPERMGS GIQYGDAALR QLRSPRAQA PNAQECGC.		
Formulation	RAB4A protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.		

Introduction

RAB4A is a member of the small GTPase superfamily. RAB4A interacts with STX4, RAB11FIP1, RABEP1, CD2AP and KIF3B. In addition, Rab4 is involved in the translocation of glucose transporter (Glu4) in adipocytes. Rab4 overexpression causes a redistribution of receptors on plasma membrane versus endocytic compartments.

Stability

RAB4A Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Background

RAB4A produced in E.Coli is a single, non-glycosylated polypeptide chain containing 238 amino acids (1-218 a.a) and having a molecular mass of 26.5kDa. RAB4A is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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