
Product Data Sheet

Product Name: RABL5 Human
 Cat. No.: GP24308
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Rab-like protein 5 isoform a; Rab-like protein 5; RABL5; RAB; Member RAS Oncogene Family-Like 5.		
Amino Acid Sequence	MGSSHHHHH SGLVPRGSH MGSMLKAKIL FVGPCESGKT VLANFLTESS DITEYSPTQG VRILEFENPH VTSNNKGTGC EFELWDCGGD AKFESCWPAL MKDAHGVVIV FNADIPSHRK EMEMWYSCFV QQPSLQDTQC MLIHHKPGS GDDKGSLSLS PPLNKLKLVH SNLEDDPEEI RMEFIKYLKS IINSMSERD REEMSIMT.		
Formulation	The RABL5 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.		

Introduction

RAB, Member RAS Oncogene Family-Like 5 (RABL5) belongs to the Ras superfamily of small GTP-binding proteins. The Ras-related superfamily of guanine nucleotide binding proteins includes the R-Ras, Rap, Ral/Rec and Rho/Rab subfamilies. Rab proteins have an essential role in endocytosis or in biosynthetic protein transport. The transporting process of newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles includes the movement of carrier vesicles and requires Rab protein function.

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.

Background

RABL5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

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

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chain containing 208 amino acids (1-185) and having a molecular mass of 23.2 kDa. RABL5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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