
Product Data Sheet

Product Name: RAB5C Human
 Cat. No.: GP24303
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	L1880; RAB5CL; RAB5L; RABL; Ras-related protein Rab-5C; RAB5C.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAGRGGGA ARPNGPAAGN KICQFKLVLL GESAVGKSSL VLRVFKGQFH EYQESTIGAA FLTQTVCLDD TTVKFEIWDT AGQERYHSLA PMYYRGAQAA IVVYDITNTD TFARAKNWVK ELQRQASPNI VIALAGNKAD LASKRAVEFQ EAQAYADDNS LLFMETSAKT AMNVNEIFMA IAKKLPKNEP QNATGAPGRN RGVDLQENNP ASRSQCCSN.		
Formulation	The RAB5C solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol.		

Introduction

RAB5C is a part of the Ras-related protein family. Members of the Rab protein family are small GTPases of the Ras superfamily guarantee reliability in the process of docking and fusion of vesicles with their right acceptor compartment.

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

RAB5C Human Recombinant produced in E. coli is a single polypeptide chain containing 239 amino acids (1-216) and having a molecular mass of 25.9kDa. RAB5C is fused to a 23 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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