
Product Data Sheet

Product Name: RAB1A Human
 Cat. No.: GP24285
 Batch No.: 1

Product Data

| | | | |
|---------------------|---|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | RAB1A member RAS oncogene family; YPT1-related protein; DKFZp564B163; GTP binding protein Rab1a; Rab GTPase YPT1 homolog. | | |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MSSMNPEYDY LFKLLIGDS GVGKSCLLLR FADDTYTESY ISTIGVDFKI RTIELDGKTI KLQIWDTAGQ ERFRTITSSY YRGAHGIIIVV YDVTDQESFN NVKQWLQEID RYASENVNKL LVGNKCDLTT KKVVDYTTAK EFADSLGIPF LETSAKNATN VEQSFMTMAA EIKKRMGPGA TAGGAEKSNV KIQSTPVKQS GGGCC | | |
| Formulation | The RAB1A protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 20% glycerol. | | |

Introduction

RAB1A belongs to the ras-related superfamily. Rab proteins have a central part in either in endocytosis or in biosynthetic protein transport. Rab1a protein controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus.

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. Please avoid freeze thaw cycles.

Background

RAB1A produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (1-205.a.a) and having a molecular mass of 24.8kDa. RAB1A 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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