

RAB1A Human

Description: 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.

Catalog #: PRPS-104

For research use only.

Synonyms: RAB1A member RAS oncogene family, YPT1-related protein, DKFZp564B163, GTP binding protein Rab1a, Rab GTPase YPT1 homolog.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MSSMNPEYDY LFKLLIGDS
GVGKSCLLLR FADDTYTESY ISTIGVDFKI RTIELDGKTI KLQIWDTAGQ ERFRTITSSY
YRGAHGIIVV YDVTQESFN NVKQWLQEID RYASENVNKL LVGNKCDLTT KKVVDYTTAK
EFADSLGIPF LETSAKNATN VEQSFMTMAA EIKKRMGPGA TAGGAEKSNV KIQSTPVKQS
GGGCC

Purity: Greater than 95% as determined by SDS-PAGE.

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.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

Storage:

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.

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