

## RAB7A Human

**Description:**RAB7A produced in E.Coli is a single, non-glycosylated polypeptide chain containing 227 amino acids (1-207a.a.) and having a molecular mass of 25.6kDa.RAB7A is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-084

**Synonyms:**RAB7A member RAS oncogene family, RAB7, ras-related protein Rab-7a, FLJ20819, PSN, CMT2B, PRO2706.

For research use only.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered clear solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MTSRKKVLLK VIILGDSGVG  
KTSLMNQYVN KKFSNQYKAT IGADFLTKEV MVDDRLVTMQ IWDTAGQERF QSLGVAFYRG  
ADCCVLVFDV TAPNTFKTLD SWRDEFLIQA SPRDPENFPF VVLGNKIDLE NRQVATKRAQ  
AWCYSKNNIP YFETSAKEAINVEQAFQTIA RNALKQETEV ELYNEFPEPI KLDKNDRAKA  
SAESCSC

**Purity:**Greater than 90% as determined by SDS-PAGE.

### Formulation:

The RAB7A protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0)1mM DTT, 100mM NaCl and 30% 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:

RAB7A belongs to the Ras superfamily of small Rab GTPases. RAB7A connects with the RIPL effector protein to regulator membrane trafficking from early to late endosome and to lysosomes. RAB7A can also regulate growth receptor endocytic trafficking, degradation, maturation of phagosome and autophagic vacuoles.

### 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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