9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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RAB7A Human

RAB7A, Member RAS Oncogene Family Human Recombinant
RCP1777

Product Overview

Name	RAB7A Human
Description	
RAB7A, Member RAS Oncogene Family Human Recombinant	
Accession (Primary)	P51149
Synonyms	
RAB7A member RAS oncogene family, RAB7, ras-related protein Rab-7a, FLJ20819, PSN, CMT2B, PRO2706.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The RAB7A protein solution (0.5mg/ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 1mM DTT, 100mM NaCl and 30% glycerol.	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MTSRKKVLLK VIILGDSGVG KTSLMNQYVN KKFSNQYKAT IGADFLTKEV MVDDRLVTMQ IWDTAGQERF QSLGVAFYRG ADCCVLVFDV TAPNTFKTLD SWRDEFLIQA SPRDPENFPF VVLGNKIDLE NRQVATKRAQ AWCYSKNNIP YFETSAKEAI NVEQAFQTIA RNALKQETEV ELYNEFPEPI KLDKNDRAKA SAESCSC.	
Precautions	

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RAB7A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P51149)