

RAB7A, Member RAS Oncogene Family Human Recombinant

Item Number	rAP-3579
Synonyms	RAB7A member RAS oncogene family, RAB7, ras-related protein Rab-7a, FLJ20819, PSN, CMT2B, PRO2706.
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.
Uniprot Accession Number	P51149
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MTSRKKVLLK VIILGDSGVG KTSLMNQYVN KKFSNQYKAT IGADFLT-KEV MVDDRLVTMQ IWDTAGQERF QSLGVAFYRG ADCCVLVFDV TAPNTFKTLD SWRDEFLIQA SPRDPENFPF VVLGNKIDLE NRQVATKRAQ AWCYSKNNIP YFETSAKEAINVEQAFQTIA RNALKQETEV ELYNEFPEPI KLDKNDRAKA SAESCSC.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The RAB7A protein solution (0.5mg/ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 1mM DTT, 100mM NaCl and 30% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**