9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RAN Human

RAN, Member RAS Oncogene Family Human Recombinant
RCP1803

Product Overview

Name	RAN Human
Description	
RAN, Member RAS Oncogene Family Human Recombinant	
Accession (Primary)	P62826
Synonyms	
ARA24, Gsp1, TC4, GTP-binding nuclear protein Ran, GTPase Ran, Ras-related nuclear protein, Ras-like protein TC4, Androgen receptor-associated protein 24, Ras-like, RANP1.	
Introduction	
RAN is a GTP-binding protein that participates in nucleocytoplasmic transport. RAN is necessary for the import of protein into the nucleus and also for RNA export. RAN takes part in chromatin condensation and control of cell cycle. The RAN complex with BIRC5 participates in mitotic spindle formation by being as a physical scaffold to assist the delivery of the RAN effector molecule TPX2 to microtubules. RUN increases AR-mediated transactivation.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
RAN Human solution containing 20mM Tris-HCl pH-8,1mM DTT & 10% 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MAAQGEPQVQ FKLVLVGDGG TGKTTFVKRH LTGEFEKKYV ATLGVEVHPL VFHTNRGPIK FNVWDTAGQE KFGGLRDGYY IQAQCAIIMF DVTSRVTYKN VPNWHRDLVR VCENIPIVLC GNKVDIKDRK VKAKSIVFHR KKNLQYYDIS AKSNYNFEKP FLWLARKLIG DPNLEFVAMP ALAPPEVVMD PALAAQYEHD LEVAQTTALP DEDDDL.	

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Precautions

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

Target Information: (P62826)