

RAN, Member RAS Oncogene Family Human Recombinant

Item Number	rAP-3604
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.
Description	RAN Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 236 amino acids (1-216 a.a.) and having a molecular mass of 26.5 kDa. The RAN is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P62826
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MAAQGEPQVQ FKLVLVDGEG TGKTTFVKRH LTGEFEKKYV AT-LGVEVHPL VFHTNRGPIK FNVWDTAGQE KFGGLRDGYI IQAQCAIMF DVTSRVTYKN VPNWHRDLVR VCENIPIVLC GNKVDIKDRK VKAKSIVFHR KKNLQYYDIS AKSNYNFEKP FLWLARKLIG DPNLEFVAMP ALAPPEVMD PALAAQYEHDL LEVAQTALP DEDDDL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless 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	RAN Human solution containing 20mM Tris-HCl pH-8, 1mM DTT & 10% glycerol. Greater than 90.0% 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**