

RAN Guanine Nucleotide Release Factor Human Recombinant

Item Number	rAP-3811
Synonyms	Ran guanine nucleotide release factor, RanGNRF, Ran-binding protein MOG1, RANGRF, MOG1, HSPC165, HSPC236, MDS5.
Description	RANGRF Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 210 amino acids (1-186 a.a) and having a molecular mass of 23kDa. RANGRF is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9HD47
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHEPTRD CPLFGGAFSA ILPMGVIDVS DLRPVPDNQE VFCHPVTQDS LIVLELLELQA HVRGEAAARY HFEDVGGVQG ARAVHVESVQ PLSLENLALR GRCQEA- WVLS GKQQIAKENQ QVAKDVTLHQ ALLRPLQYQT DLLLTFNQPP PDNRSSLGPE NLSPAPWSLG DFEQLVTSLT LHDPNIFGPQ.
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	RANGRF protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.15M NaCl and 1mM DTT. 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**