

## DIRAS family, GTP-binding RAS-like 1 Human Recombinant

<b>Item Number</b>	rAP-3600
<b>Synonyms</b>	GTP-binding protein Di-Ras1, Distinct subgroup of the Ras family member 1, Ras-related inhibitor of cell growth, Rig, Small GTP-binding tumor suppressor 1, DIRAS1, GBTS1, Di-Ras1, FLJ42681.
<b>Description</b>	DIRAS1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 215 amino acids (1-195a.a.) and having a molecular mass of 24.1 kDa. DIRAS1 protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography.
<b>Uniprot Accession Number</b>	O95057
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MPEQSNDYRV VVFGAGGVGK SSLVLRVKG TFRDTYIPTI EDTYRQVISC DKSVC TLQIT DTTGSHQFPA MQRLSISKGH AFILVFSVTS KQSLEELGPI YKLIVQIKGS VEDIPVMLVG KCDETQREV DTREAVAQ EWKCAFMETS AKMNYNVKEL FQELLTLETR RNMSLNIDGK RSGKQKRTDR KGKC.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	DIRAS1 Human solution (1mg/ml) containing 20mM Tris-HCl buffer(pH 8.0) containing 20% glycerol, 1mM DTT, 0.1M NaCl and 1mM EDTA. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**