

Recombinant Human DIRAS1, His-tagged

Cat. No. DIRAS1-28349TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DIRAS1 with an N terminal His tag; 215 amino acids with tag, Predicted MWt 24.1 kDa.
Species	Human
Source	E.coli
ProteinLength	195 amino acids
Description	DIRAS1 belongs to a distinct branch of the functionally diverse Ras (see HRAS; MIM 190020) superfamily of monomeric GTPases.
Conjugation	HIS
Molecular Weight	24.100kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM EDTA, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHSSGLVPRGSHMPEQSNDYRVVVFAGGGVGKSSLVLRVFKGTFRD
 TYIPTIEDTYRQVISCDKSVCTLQITDTTGSHQFPAMQRLSISKGHAFILVFSVTSKQS
 LEELGPIYKLIVQIKGSVEDIPVMLVGNKCDETQREVDTREAQAVAQEWKCAFMENTS
 AKMNYNVKELFQELLTLETRRNMSLNIDGKRSGKQKRTDRVKGKC

GENE INFORMATION

Gene Name	DIRAS1 DIRAS family, GTP-binding RAS-like 1 [Homo sapiens]
Official Symbol	DIRAS1
Synonyms	DIRAS1; DIRAS family, GTP-binding RAS-like 1; GTP-binding protein Di-Ras1; Di Ras1; GBTS1; RIG;
Gene ID	148252
mRNA Refseq	NM_145173
Protein Refseq	NP_660156
MIM	607862
Uniprot ID	O95057
Chromosome Location	19p13.3
Function	GTP binding; GTPase activity; nucleotide binding;

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