

Recombinant Human DIRAS1 protein, GST-tagged

Cat. No. DIRAS1-11999H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DIRAS1 protein(1-198 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-198 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MPEQSNDYRVVFGAGGVGKSSLVLRVKGTFRDTYIPTIEDTYRQVISCDKSVCTL QITDTTGSHQFPAMQRLSISKGHAFILVFSVTSKQSLEELGPIYKLIVQIKGSVEDIPVM LVGNKCDETQREVDTREAQAVAQEWKCAFMETSAKMNYNVKELFQELLTLETRRN MSLNIDGKRSGKQKRTDRVKGKCTLM
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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; ras-related inhibitor of cell growth; small GTP-binding tumor suppressor 1; distinct subgroup of the Ras family member 1; Di-Ras1; FLJ42681;

Gene ID [148252](#)

mRNA Refseq [NM_145173](#)

Protein Refseq [NP_660156](#)

MIM [607862](#)

UniProt ID [O95057](#)

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SDS-PAGE

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