

Recombinant Human DIRAS3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DIRAS3-4624H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DIRAS3 MS Standard C13 and N15-labeled recombinant protein (NP_004666) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the ras superfamily. This gene is imprinted gene with monoallelic expression of the paternal allele which is associated with growth suppression. The encoded protein acts as a tumor suppressor whose function is abrogated in many ovarian and breast cancers. This protein may also play a role autophagy in certain cancer cells by regulating the autophagosome initiation complex.
Molecular Mass	25.9 kDa
AA Sequence	MGNASFGSKEQKLLKRLRLLPALLILRAFKPHRKIRDYRVVVVGTTAGVGKSTLLHKW ASGNFRHEYLPTIENTYCQLLGCSHGVLSLHITDSKSGDGNRALQRHVIARGHAFVL VYSVTKKETLEELKAFYELICKIKGNNLHKFPIVLVGNKSDDTHREVALNDGATCAME WNCAFMEISAKTDVNVQELFHMLLNYKKKPTTGLQEPEKKSQMPNTEKLLDKCIIM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DIRAS3 DIRAS family GTPase 3 [Homo sapiens (human)]

Official Symbol DIRAS3

Synonyms DIRAS3; DIRAS family, GTP-binding RAS-like 3; ARHI, ras homolog gene family, member I; GTP-binding protein Di-Ras3; NOEY2; ras homolog gene family, member I; rho-related GTP-binding protein RhoI; distinct subgroup of the Ras family member 3; ARHI;

Gene ID 9077

mRNA Refseq NM_004675

Protein Refseq NP_004666

MIM 605193

UniProt ID O95661

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