

Recombinant Human DIRAS3, His-tagged

Cat. No. DIRAS3-27416TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-229 of Human ARHI with N terminal His tag, 31kDa.
Species	Human
Source	E.coli
ProteinLength	1-229 a.a.
Description	This gene is a member of the ras superfamily, and is expressed in normal ovarian and breast epithelial cells, but not in ovarian and breast cancers. It is an imprinted gene, with monoallelic expression of the paternal allele, which is associated with growth suppression. Thus, this gene appears to be a putative tumor suppressor gene whose function is abrogated in ovarian and breast cancers.
Conjugation	HIS
Tissue specificity	Expressed in normal ovarian and breast epithelial cells but not in ovarian and breast cancers.
Form	Lyophilised:Reconstitute with 132 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MGNASFGSKEQKLLKRLRLLPALLILRAFKPHRKIRDYRV VVVGTAGVGKSTLLHKW ASGNFRHEYLP TIENTYCQLL GCSHGVL SLHITDSKSGDGNRALQRHVIARGHAFVL VYSV TKKETLEELKAFYELICKIKGNNLHKFP IVLVGNKSDD THREVALNDGATCAM EWNCAFMEISAKTDVNVQELFHM LLNYKKKPTTGLQEPEKKSQMPNTTEKLLDKCII M
Sequence Similarities	Belongs to the small GTPase superfamily. Di-Ras family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	DIRAS3 DIRAS family, GTP-binding RAS-like 3 [Homo sapiens]
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;
Gene ID	9077
mRNA Refseq	NM_004675
Protein Refseq	NP_004666
MIM	605193
Uniprot ID	O95661

Chromosome Location	1p31
Function	GTP binding; GTPase activity; nucleotide binding;