

Product datasheet for PH302787

ARHI (DIRAS3) (NM_004675) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DIRAS3 MS Standard C13 and N15-labeled recombinant protein (NP_004666)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202787
Predicted MW:	25.9 kDa
Protein Sequence:	>RC202787 protein sequence Red=Cloning site Green=Tags(s) MGNASFGSKEQKLLKRLRLLPALLILRAFKPHRKIRDYRVVVVGTAGVGKSTLLHKWASGNFRHEYLP ENTYCQLLGCSHGVL SLHITDSKSGDGNRALQRHVIARGHAFVLVYSVTKKETLEELKAFYELICKIKGN NLHKFP IVLVGNKSDDT HREVALNDGATCAMEWNCAFMEISAKTDVNVQELFHMLLNYYKKKPTTGLQEPE KKSQMPNTTEKLLDKCIIM TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004666
RefSeq Size:	1642
RefSeq ORF:	687
Synonyms:	ARHI; NOEY2
Locus ID:	9077
UniProt ID:	O95661

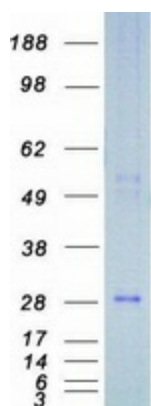


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Cytogenetics: 1p31.3

Summary: 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. [provided by RefSeq, Nov 2015]

Product images:



Coomassie blue staining of purified DIRAS3 protein (Cat# [TP302787]). The protein was produced from HEK293T cells transfected with DIRAS3 cDNA clone (Cat# [RC202787]) using MegaTran 2.0 (Cat# [TT210002]).