

Datasheet for ABIN2719498

DIRAS3 Protein (Myc-DYKDDDDK Tag)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	DIRAS3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DIRAS3 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human DIRAS3 protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	DIRAS3
Alternative Name:	Diras3 (DIRAS3 Products)
Background:	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.

Target Details

Molecular Weight: 25.7 kDa

NCBI Accession: [NP_004666](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

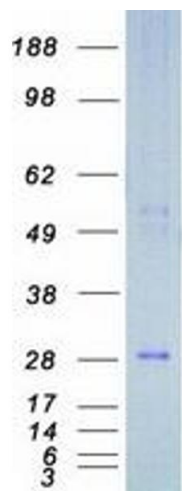
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in: Guo, Lu, Huang, Wu, Zhang, Yu, Zhang, Bao, He, Chen, Jia: "Protective role of PGC-1α in diabetic nephropathy is associated with the inhibition of ROS through mitochondrial dynamic remodeling." in: **PLoS ONE**, Vol. 10, Issue 4, pp. e0125176, (2015) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot