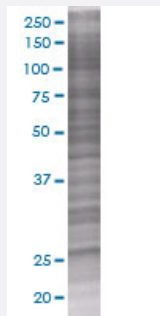


MRAS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00022808-T01

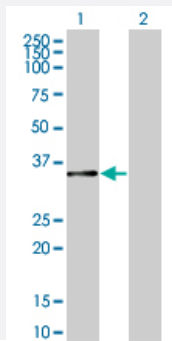
Size 100 uL

Applications



SDS-PAGE Gel

MRAS transfected lysate.



Western Blot

Lane 1: MRAS transfected lysate (23.8 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MRAS full-length
Host	Human
Theoretical MW (kDa)	22.99
Interspecies Antigen Sequence	Mouse (96); Rat (97)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MRAS antibody ([H00022808-B01](#)) by Western Blots.
SDS-PAGE Gel
MRAS transfected lysate.
Western Blot
Lane 1: MRAS transfected lysate (23.8 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MRAS

Entrez GeneID

[22808](#)

GeneBank Accession#

[NM_012219](#)

Protein Accession#

[NP_036351](#)

Gene Name

MRAS

Gene Alias

FLJ42964, M-RAs, R-RAS3, RRAS3

Gene Description

muscle RAS oncogene homolog

Omim ID

[608435](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Members of the RAS superfamily of GTP-binding proteins, which includes MRAS, are membrane-anchored, intracellular signal transducers responsible for a variety of normal cellular functions. They are oncogenically activated in a significant fraction of tumors.[supplied by OMIM]

Other Designations

muscle and microspikes RAS

Pathway

- [MAPK signaling pathway](#)

- [Regulation of actin cytoskeleton](#)
- [Tight junction](#)

Disease

- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Myocardial Infarction](#)
- [Parkinson disease](#)