

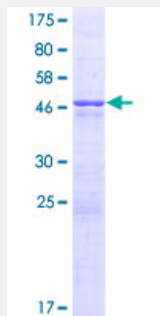
Full-Length

MRAS (Human) Recombinant Protein (P01)

Catalog # H00022808-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MRAS full-length ORF (NP_001078518.1, 1 a.a. - 208 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MATSAVPSDNLPTYKLVVVGDDGGVGKSALTIQFFQKIFVPDYDPTIEDSYLKHTEIDNQWAILDVLD TAGQEEFSAMREQYMRTGDGFLVYSVTDKASFEHVDRFHQLILRVKDRESFPMILVANKVDLMH LRKITREQGKEMATKHNPYIETSAKDPPLNVDKAFHDLVRVIRQQIPEKSQKKKKKTKWRGDRAT GTHKLQCVIL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.2
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MRAS

Entrez GeneID [22808](#)

GeneBank Accession# [NM_001085049.1](#)

Protein Accession# [NP_001078518.1](#)

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](#)