

Recombinant Full Length Human MRAS Protein, GST-tagged

Cat. No. MRAS-6347HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MRAS full-length ORF (NP_001078518.1, 1 a.a. - 208 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	208 amino acids
Description	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
Molecular Mass	50.2 kDa
AA Sequence	MATSAVPSDNLPTYKLVVVGDDGGVGKSALTIQFFQKIFVPDYDPTIEDSYLKHTEIDN QWAILDVLDTAGQEEFSAMREQYMRTGDGFLIVYSVTDKASFEHVDRFHLILRVKD RESFPMILVANKVDLMHLRKITREQGKEMATKHNPYIETSAKDPPLNVDKAFHDLVR VIRQQIPEKSQKKKKKTKWRGDRATGTHKLQCVIL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MRAS muscle RAS oncogene homolog [Homo sapiens]
Official Symbol	MRAS
Synonyms	MRAS; muscle RAS oncogene homolog; ras-related protein M-Ras; M RAs; R RAS3; RRAS3; muscle and microspikes RAS; ras-related protein R-Ras3; M-RAs; R-RAS3; FLJ42964;
Gene ID	22808
mRNA Refseq	NM_001085049
Protein Refseq	NP_001078518
MIM	608435
UniProt ID	O14807

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