

Recombinant Human MRAS Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MRAS-2960H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MRAS MS Standard C13 and N15-labeled recombinant protein (NP_036351) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the Ras family of small GTPases. These membrane-associated proteins function as signal transducers in multiple processes including cell growth and differentiation, and dysregulation of Ras signaling has been associated with many types of cancer. The encoded protein may play a role in the tumor necrosis factor-alpha and MAP kinase signaling pathways. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Mass	23.7 kDa
AA Sequence	MATSAVPSDNLPTYKLVVVGDDGGVGKSALTIQFFQKIFVPDYDPTIEDSYLKHTEIDN QWAILDVLDTAGQEEFSAMREQYMRTGDGFLIVYSVTDKASFEHVDRFHLILRVKD RESFPMILVANKVDLMHLRKITREQGKEMATKHNTPIYIETSAKDPPLNVDKAFHDLV RVIRQQIPEKSQKKKKKTKWRGDRATGTHKLQCVILTRTRPLEQKLISEEDLAANDIL DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

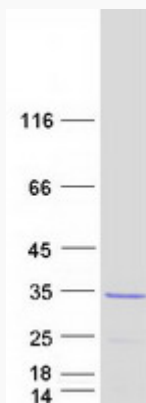
GENE INFORMATION

Gene Name	MRAS muscle RAS oncogene homolog [Homo sapiens (human)]
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_012219
Protein Refseq	NP_036351
MIM	608435
UniProt ID	O14807

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SDS-PAGE

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