

Product datasheet for **TP760665**

MRAS (NM_012219) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human muscle RAS oncogene homolog (MRAS), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length MRAS
Tag:	N-His
Predicted MW:	23.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_036351
Locus ID:	22808
UniProt ID:	O14807 , Q6FGP0 , Q8WVM9
RefSeq Size:	3926
Cytogenetics:	3q22.3
RefSeq ORF:	624
Synonyms:	M-RAS; NS11; R-RAS3; RRAS3



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Summary:

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. [provided by RefSeq, Nov 2011]

Protein Families:

Druggable Genome

Protein Pathways:

MAPK signaling pathway, Regulation of actin cytoskeleton, Tight junction

Product images: