

**MRAS, 1-205aa, Human, His tag, E.coli**

**Cat.NO.: TP03015**

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3th Edition

**Synonyms:**Ras-related protein M-Ras, M-RAs, R-RAS3, RRAS3.

**Description:**MRAS (Ras-related protein M-Ras) belongs to the RAS superfamily. These families are membraneanchored, intracellular signal transducers responsible for a variety of normal cellular functions. They are oncogenically activated in a significant fraction of tumors. MRAS serve as an important signal transducer for novel upstream stimuli in controlling cell proliferation.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 40% glycerol, 200mM NaCl, 2mM EDTA

**Molecular Weight:**25.7kDa (225aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMATSAVPSDNLPTYKLVVVGDDGGVKGSAITIQFFQKIFVPDYDPTIEDSYLKHTEID  
NQWAILDVLDTAGQEEFSAMREQYMRTGDGFLIVYSVTDKASFEHVDRFHQLILRVKDRESFPMILVANKVDLMHL  
RKITREQGKEMATKHNIPIYIETSAKDPPLNVDKAFHDLVRVIRQQIPEKSQKKKKKTKWRGDRATGTHKLQC

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.