

## Muscle RAS Oncogene Homolog Human Recombinant

<b>Item Number</b>	rAP-3762
<b>Synonyms</b>	Ras-related protein M-Ras, Ras-related protein R-Ras3, MRAS, RRAS3, M-RAs, R-RAS3.
<b>Description</b>	MRAS Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (1-205 a.a.) and having a molecular mass of 25.7kDa. MRAS is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O14807
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MATSAVPSDN LPTYKLVVVG DGGVVGKSALT IQFFQKIFVP DYDP-TIEDSY LKHTEIDNQW AILDVLDTAG QEEFSAMREQ YMRTGDGFLI VYSVTDKASF EHVDRFHQLI LRVKDRESFP MILVANKVDL MHLRKITREQ GKEMATKHNI PYIETSAKDP PLNVDKAFHD LVRVIRQQIP EKSQKKKKKT KWRGDRATGT HKLQC.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	MRAS protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 40% glycerol, 200mM NaCl and 2mM EDTA. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**