

MRAS Human

Description: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.

Catalog #:PRPS-1015

For research use only.

Synonyms:Ras-related protein M-Ras, Ras-related protein R-Ras3, MRAS, RRAS3, M-RAs, R-RAS3.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MATSAVPSDN LPTYKLVVVG
DGGVGKSALT IQFFQKIFVP DYDPTIEDSY LKHTEIDNQW AILDVLDTAG QEEFSAMREQ
YMRTGDGFLI VYSVTDKASF EHVDRFHLI LRVKDRESFP MILVANKVDL MHLRKITREQ
GKEMATKHNI PYIETSAKDP PLNVDKAFHD LVRVIRQQIP EKSQKKKKKT KWRGDRATGT
HKLQC.

Purity:Greater than 90% as determined by SDS-PAGE.

Formulation:

MRAS protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 40% glycerol, 200mM NaCl and 2mM EDTA.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Ras-related protein M-Ras (MRAS) is a member of the RAS superfamily. These family members are membrane-anchored, intracellular signal transducers in charge of various normal cellular functions. They are oncogenically stimulated in a substantial fraction of tumors. MRAS serves as a significant signal transducer for novel upstream stimuli in controlling cell proliferation.

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