

Product datasheet

Recombinant Human MRas protein ab123181

1 Image

Description

Product name	Recombinant Human MRas protein
Purity	> 90 % SDS-PAGE. ab123181 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>O14807</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MATSAVPSDN LPTYKLVVVG DGGVGKSALT IQFFQKIFVP DYDPTIEDSY LKHTEIDNQW AILDVLDTAG QEEFSAMREQ YMRTGDGFLI VYSVTDKASF EHVDRFHQLI LRVKDRESFP MILVANKVDL MHLRKITREQ GKEMATKHNI PYIETSAKDP MATSAVPSDN LPTYKLVVVG DGGVGKSALT IQFFQKIFVP DYDPTIEDSY LKHTEIDNQW AILDVLDTAG PLNVDKAFHD LVRVIRQQIP EKSQKKKKKT KWRGDRATGT HKLQC
Predicted molecular weight	26 kDa including tags
Amino acids	1 to 205
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab123181** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.08% DTT, 0.32% Tris HCl, 0.06% EDTA, 40% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

General Info

Function

May serve as an important signal transducer for a novel upstream stimuli in controlling cell proliferation. Weakly activates the MAP kinase pathway.

Tissue specificity

Expression highly restricted to the brain and heart.

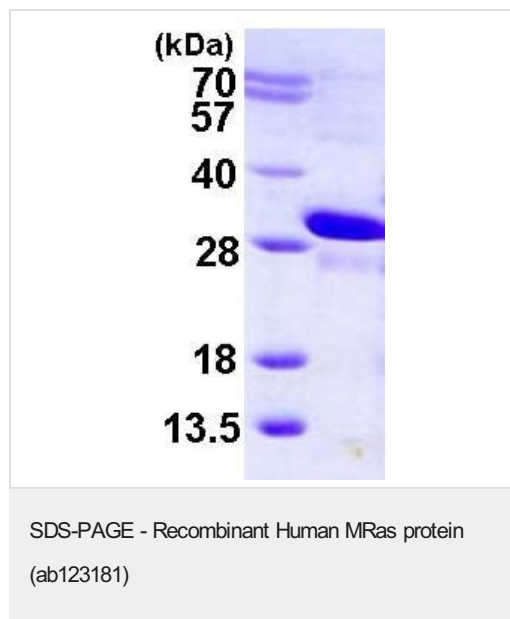
Sequence similarities

Belongs to the small GTPase superfamily. Ras family.

Cellular localization

Cell membrane.

Images



15% SDS-PAGE analysis of ab123181 (3ug)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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