

Recombinant Full Length Human RAP1A Protein, His-tagged

Cat. No. RAP1A-2584H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RAP1A Protein, His-tagged, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-184 aa
Description	<p>The product of this gene belongs to the family of RAS-related proteins. These proteins share approximately 50% amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between RAP proteins and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. The product of this gene counteracts the mitogenic function of RAS because it can interact with RAS GAPs and RAF in a competitive manner. Two transcript variants encoding the same protein have been identified for this gene.</p>
Tag	C-His
Molecular Mass	22 kDa
AA Sequence	<p>MREYKLVVLGSGGVGKSALTVQFVQGIFVEKYDPTIEDSYRKQVEVDCQQCMLEILD TAGTEQFTAMRDLYMKNQGQGFALVYSITAQSTFNDLQDLREQILRVKDTEDVPMILV GNKCDLEDERVVGKEQGQNLARQWCNCAFLESSAKSKINVNEIFYDLVRQINRKT VEKKKPKKKSCLLLHHHHHHHH</p>

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Purity	>80% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.58mg/ml by BCA
Storage Buffer	Sterile PBS, pH 7.4, 10% Glycerol, 5% Trehalose

GENE INFORMATION

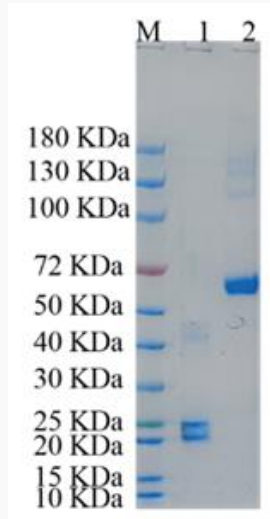
Gene Name	RAP1A RAP1A, member of RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAP1A
Synonyms	RAP1; C21KG; G-22K; KREV1; KREV-1; SMGP21;RAP1A
Gene ID	5906
MIM	179520
UniProt ID	P62834

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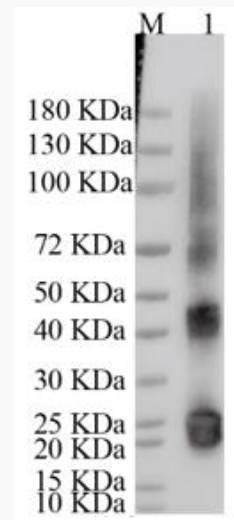
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**Reducing 4%-20%
SDS-PAGE (CBB
stained) analysis
profiles of purified
RAP1A-2584H**



1. RAP1A-2584H
2. BSA

**WB (Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
RAP1A-2584H**



WB

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