

## Recombinant Human RASA1 protein, MYC/DDK-tagged

Cat. No. RASA1-2382H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human RASA1, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293. |
| Species          | Human                                                                                                        |
| Source           | HEK293                                                                                                       |
| Form             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                        |
| Molecular Mass   | 116.2 kDa                                                                                                    |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                  |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                             |

### GENE INFORMATION

|                 |                                                                                                                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | RASA1 RAS p21 protein activator (GTPase activating protein) 1 [ Homo sapiens ]                                                                                                                                                                                            |
| Official Symbol | RASA1                                                                                                                                                                                                                                                                     |
| Synonyms        | RASA1; RAS p21 protein activator (GTPase activating protein) 1; RASA; ras GTPase-activating protein 1; capillary malformation arteriovenous malformation; CM AVM; GAP; p120GAP; p120RASGAP; triphosphatase-activating protein; PKWS; CMAVM; CM-AVM; RASGAP; DKFZp434N071; |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 5921                                                                                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>         | NM_002890                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>      | NP_002881                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>                 | 139150                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>          | P20936                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Chromosome Location</b> | 5q13                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Pathway</b>             | Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Aurora A signaling, organism-specific biosystem; Aurora B signaling, organism-specific biosystem; Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; BCR signaling pathway, organism-specific biosystem; |
| <b>Function</b>            | GTPase binding; Ras GTPase activator activity; glycoprotein binding; potassium channel inhibitor activity; protein binding; receptor binding;                                                                                                                                                                                                                                     |