

Recombinant Human RASA3 protein, His-tagged

Cat. No. RASA3-2187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RASA3 protein(563-834 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	563-834 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	SSGRRDPKSVEQPIVLKEGFMIKRAQGRKRFGMKNFKKRWFRLTNHEFTYHKSKG DQPLYSIPIENILAVEKLEEESEFKMKNMFQVIQPERALYIQANNCVEAKDWIDILTKVS QCNQKRLTVYHPSAYLSGHWLCCRAPSDSAPGCSPCTGGLPANIQLDIDGDRETER IYSLFNLYMSKLEKMQEACGSKSVYDGPQEYESTFVIDDPQETYKTLKQVIAGVGA LEQEHAQYKRDKFKKTKYGSQEHPIGDKSFQNYIRQQSETSTHSI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [RASA3 RAS p21 protein activator 3 \[Homo sapiens \]](#)

Official Symbol [RASA3](#)

Synonyms RASA3; RAS p21 protein activator 3; ras GTPase-activating protein 3; GAP1IP4BP; GAP111; GAP1(IP4BP); ins P4-binding protein; GTPase activating protein III; Ins(1,3,4,5)P4-binding protein; inositol 1,3,4,5-tetrakisphosphate-binding protein; MGC46517; MGC47588;

Gene ID [22821](#)

mRNA Refseq [NM_007368](#)

Protein Refseq [NP_031394](#)

MIM [605182](#)

UniProt ID [Q14644](#)

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