

Recombinant Human SRGAP2 protein, His-tagged

Cat. No. SRGAP2-3522H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SRGAP2 protein(784-944 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	784-944 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	VQDTEDGVVERSSPKSEIEVISEPPEEKVTARAGASCPSSGGHVADIYLANINKQRKR PESGSIRKTFRSDSHGLSSSLTDSSSPGVGASCRPSSQPIMSQLPKEGPDKCSISG HGSLNSISRHSSLKNRLDSPQIRKTATAGRSKSFNNHRPMDPEVIAQ
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.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

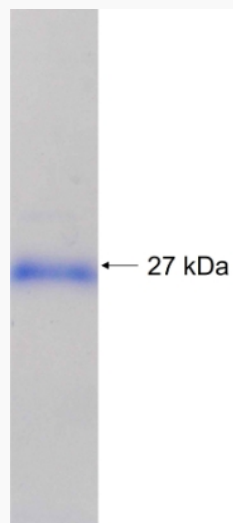
Gene Name	SRGAP2 SLIT-ROBO Rho GTPase activating protein 2 [Homo sapiens]
Official Symbol	SRGAP2
Synonyms	FNBP2; SRGAP3; SRGAP2A; ARHGAP34
Gene ID	23380
mRNA Refseq	NM_015326.2
Protein Refseq	NP_056141.2
MIM	606524
UniProt ID	O75044

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SDS-PAGE



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