

Recombinant Human ARHGAP18, His-tagged

Cat. No. ARHGAP18-9818H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARHGAP18 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	337-663a.a.
Description	ARHGAP18 belongs to a family of Rho (see MIM 165390) GTPase-activating proteins that modulate cell signaling (Potkin et al., 2009 [PubMed 19065146]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	ARHGAP18 Rho GTPase activating protein 18 [Homo sapiens]
Official Symbol	ARHGAP18
Synonyms	4833419J07Rik; AI314906; AI843501; Arhgap18; bA307O14.2; FLJ25728; MacGAP;

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MGC126757; MGC138145; OTTHUMP00000017190; OTTMUSP00000028606;
RHG18_HUMAN; Rho GTPase-activating protein 18; Rho-type GTPase-activating
protein 18; SENEX; ARHGAP18

Gene ID	93663
mRNA Refseq	NM_033515.2
Protein Refseq	NP_277050.2
MIM	613351
UniProt ID	Q8N392
Chromosome Location	6q22.33
Pathway	Rho GTPase cycle,organism-specific biosystem;Signal Transduction,organism-specific biosystem;Signaling by Rho GTPases,organism-specific biosystem
Function	GTPase activator activity

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