

Recombinant Human ARHGAP35 Protein, N-His tagged

Cat. No. ARHGAP35-26370H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARHGAP35 Protein with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	The human glucocorticoid receptor DNA binding factor, which associates with the promoter region of the glucocorticoid receptor gene (hGR gene), is a repressor of glucocorticoid receptor transcription. The amino acid sequence deduced from the cDNA sequences show the presence of three sequence motifs characteristic of a zinc finger and one motif suggestive of a leucine zipper in which 1 cysteine is found instead of all leucines. The GRLF1 enhances the homologous down-regulation of wild-type hGR gene expression. Biochemical analysis suggests that GRLF1 interaction is sequence specific and that transcriptional efficacy of GRLF1 is regulated through its interaction with specific sequence motif. The level of expression is regulated by glucocorticoids.
Form	Lyophilized
Molecular Mass	52 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMDLSYLDQGHRDQQRKSVSSSPWLPQDGFDP SDYAEPMDAVVKPRNEEENIYSVPHDSTQGKIITIRNINKAQSNQSGNGSDSEMDTSSL ERGRKVSIVSKPVLRYRTRCTRLGRFASYRTSFSVGSDDELGPIRKKEEDQASQGYK GDNVIPYETDEDPRRRNLRSLRRNTKKPKPKRPSITKATWESNYFGVPLTTVVTP

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EKPIPIFIERCIEYIEATGLSTEGIYRVSGNKSEMESLQRQFDQDHNLDLAEKDFTVNT
VAGAMKSFFSELPDPLVPYNMQIDLVEAHKINDREQKLHALKEVLKKFPKENHEVFK
YVISHLNKVVSHNNKVNLMTSENLSICFWPTLMRPDFTMDALTATRTYQTIIELFIQQC
PFFFFYNRPITEPPGARPPSSPSAVASTVPFLTSTPVT SQSPPPQSPPTPQSPMQPLL
PSQLQAEHTL

Purity > 90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Lyophilized from 20mM PB, 200mM NaCl, 5mM EDTA, pH 6.0, 5% Trehalose, 5% Mannitol

GENE INFORMATION

Gene Name ARHGAP35 Rho GTPase activating protein 35 [Homo sapiens (human)]

Official Symbol ARHGAP35

Synonyms ARHGAP35; Rho GTPase activating protein 35; GRF-1; GRLF1; P190A; P190-A; p190RhoGAP; p190ARhoGAP; rho GTPase-activating protein 35; glucocorticoid receptor DNA-binding factor 1; glucocorticoid receptor repression factor 1; rho GAP p190A

Gene ID 2909

mRNA Refseq NM_004491

Protein Refseq NP_004482

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MIM	605277
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UniProt ID	Q9NRY4
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