

Recombinant Human ARHGAP6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARHGAP6-4452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARHGAP6 MS Standard C13 and N15-labeled recombinant protein (NP_038267) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of actin polymerization at the plasma membrane during several cellular processes. This protein is thought to have two independent functions, one as a GTPase-activating protein with specificity for RhoA, and another as a cytoskeletal protein that promotes actin remodeling. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	84.7 kDa
AA Sequence	MSGRSVRLRSVPIQSLSELERARLQEVAFYQLQQDCDLSCQITIPKDGQKRKKSRLRK KLDSLGKEKNKDKEFIPQAFGMPLSQVIANDRAYKLLKQDLQRDEQKDASDFVASLLP FGNKRQNKELSSSNSSLSSTSETPNESTSPNTPEPAPRARRRGAMSVDSITDLDDN QSRLLLEALQLSLPAEAQSKKEKARDKKLSLNPPIYRQVPRLVDSCQHLKHLGLQTVG IFRVGSSKKRVRQLREEFDRGIDVSLEEEHSVHDVAALLKEFLRDMPPDLLTRELYTA FINTLLLEPEEQLGTLQLLIYLLPPCNCDTLHRLQLFLSIVARHADDNISKDGQEVGTGN KMTSLNLATIFGPNLLHKQKSSDKEFSVQSSARAEESTAIHAVVQKMIENYEALFMVP

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PDLQNEVLISLLETDPDVVDYLLRRKASQSSSPDMLQSEVSFSVGGRHSSTDSNKA
SSGDISPYDNNSPVLSERSLLAMQEDAAPGGSEKLYRVPGQFMLVGHLSSSKSRES
SPGPRLGKDLSEEPFDIWGTWHSTLKSGSKDPGMTGSSGDIFESSSLRAGPCSLSQ
GNLSPNWPRWQGSPAELDSDTQGARRTQAAAPATEGRAHPAVSRACSTPHVQVA
GKAERPTARSEQYLTLSGAHDLSESELDVAGLQSRATPQCQRPHGSGRDDKRPPP
PYPGPGKPAAAAAWIQGPPEGVETPTDQGGQAAEREQQVTQKKLSSANSLPAGEQ
DSPRLGDAGWLDWQRERWQIWELLSTDNPDALPETLVTRTRPLEQKLISEEDLAAN
DILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ARHGAP6 Rho GTPase activating protein 6 [Homo sapiens (human)]

Official Symbol ARHGAP6

Synonyms ARHGAP6; Rho GTPase activating protein 6; rho GTPase-activating protein 6; rhoGAPX 1; rho-type GTPase-activating protein 6; Rho-type GTPase-activating protein RhoGAPX-1; RHOGAP6; RHOGAPX-1;

Gene ID 395

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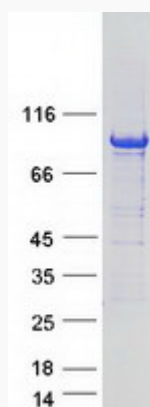
mRNA Refseq [NM_013423](#)

Protein Refseq [NP_038267](#)

MIM [300118](#)

UniProt ID [O43182](#)

SDS-PAGE



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