

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 KLDSLGKEKNKDKEFIPQAFGMPLSQVIANDRAYKLKQDLQRDEQKDASDFVASLLP FGNKRQNKELSSSNSSLSSTSETPNESTSPNTPEPAPRARRRGAMSVDSITDLDDN QSRLLLEALQLSLPAEAQSKKEKARDKKLSLNPPIYRQVPRLVDSCCQHLEKHGLQTVG IFRVGSSKKRVRQLREEFDRGIDVSLEEEHSVHDVAALLKEFLRDMPDPLLTRELYTA FINTLLLEPEEQLGTLQLLIYLLPPCNCDTLHRLQLFLSIVARHADDNISKDGQEVTGN KMTSLNLATIFGPNLLHKQKSSDKEFSVQSSARAEESTAIHAVVQKMIENYEALFMVP

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PDLQNEVLISLLETDPDVVDYLLRRKASQSSSPDMLQSEVSFSVGGRHSSTDSNKA
SSGDISPYDNNSPVLSERSLLAMQEDAAPGGSEKLYRVPQGFMVLVGHLSSSKSRES
SPGPRLGKDLSEEPFDIWGTWHSTLKSGSKDPGMTGSSGDIFESSSLRAGPCSLSQ
GNLSPNWPRWQGSPAELSDTQGARRTQAAAPATEGRAHPAVSRACSTPHVQVA
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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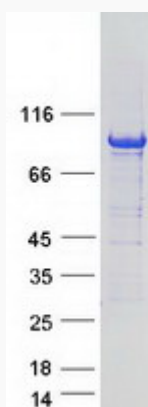
mRNA Refseq NM_013423

Protein Refseq NP_038267

MIM 300118

UniProt ID O43182

SDS-PAGE



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