

Product datasheet for **TP312435L**

ARHGAP6 (NM_013423) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Rho GTPase activating protein 6 (ARHGAP6), transcript variant 4, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212435 representing NM_013423 Red =Cloning site Green =Tags(s)

MSGRSVRLRSVPIQSLSELERARLQEVAFYQLQQDCDLSCQITIPKDGQKRKKSLRKKLDSLGKEKNKDK
EFIPQAFGMPLSQVIANDRAYKLKQDLQRDEQKDASDFVASLLPFGNKRQNKELSSSNSSLSSTSETPNE
STSPNTPAPRARRRGAMSVDSITDLDNQSRLLEALQLSLPAEAQSKKEKARDKKLSLNPIYRQVPR
VDSCCQHLEKHGLQTVGIFRVGSSKKRVRQLREEFDRGIDVSLEEEHSVHDVAALLKEFLRDMPPDLLTR
ELYTAFINTLLLEPEEQGLTLQLLIYLLPPCNCNTLHRLQLFLSIVARHADDNISKDGGQEVGTGNKMTSLN
LATIFGPNLLHKQKSSDKEFSVQSSARAEESTAIHAVVQKMIENYEALFMVPPDLQNEVLISLLETDPDV
VDYLLRRKASQSSSPDMLQSEVSFSVGGRHSSTDSNKASSGDISPYDNNSPVLSERSLLAMQEDAAPGGS
EKLYRVPQGFMVLVGHLSSSKSRESSPGPRLGKDLSEEPFDIWGTWHSTLKS GSKDPGMTGSSGDIFESS
LRAGPCSLSQGNLSPNWPRWQGSPAELSDTQGARRTQAAAPATEGRAHPAVSRACSTPHVQVAGKAE
RP
TARSEQYLTLGAHDLSESELDVAGLQSRATPQCQRPHGSGRDDKRPPPPYPGPGKPAAAAAWIQGPPEG
VETPTDQGGQAAEREQQVTQKKLSSANSLPAGEQDSPRLGDAGWLDWQRERWQIWELLSTDNPDALPE
TL
V

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

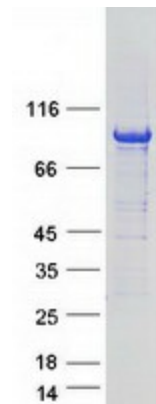
Tag:	C-Myc/DDK
Predicted MW:	84.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_038267</u>
Locus ID:	395
UniProt ID:	<u>O43182</u>
RefSeq Size:	3961
Cytogenetics:	Xp22.2
RefSeq ORF:	2313
Synonyms:	RHOGAP6; RHOGAPX-1
Summary:	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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified ARHGAP6 protein (Cat# [TP312435]). The protein was produced from HEK293T cells transfected with ARHGAP6 cDNA clone (Cat# [RC212435]) using MegaTran 2.0 (Cat# [TT210002]).