

## Product datasheet for TP312435

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC212435 representing NM_013423
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSGRSVRLRSVPIQSLSELERARLQEVAFYQLQQDCDLSCQITIPKDGQKRKSLRKKLDSLKGKEKNKDK  
EFIPQAFGMPLSQVIANDRAYKQDLQRDEQKSDASDFVASLLPFGNKRQNKELSSNSLSSTSETPNE  
STSPNTPPEPAPRARRRGAMSVDSDITDLDNQSRLLEALQLSLPAEAQSKKEKARDKKLSLNPIYRQVPR  
VDSCQHLEKHGLQTVGIFRVGSSKKRVRQLREEFDRGIDVSLSEEHVHDVAALLKEFLRDMPPDLLTR  
ELYTAFINTLLLEPEEQGLTQLLIYLLPPCNCDTLHRLQLFLSIVARHADDNISKDGEVGTGNKMTSLN  
LATIFGPNLLHKQSSDKEFSVQSSARAEESTAIIVVQKMIENYEALFMVPPDLQNEVLISLLETDPDV  
VDYLLRRKASQSSSPDMLQSEVFSVGGRRHSSTDSNKASSGDISPYDNNSPVLSERSLLAMQEDAAPGGS  
EKLYRVPGQFMLVGHLSKSSKRESSPGPRLGKDLSEEPFDIWTWHSTLKS GSKDPGMTGSSGDIFESS  
LRAGPCSLSQGNLSPNWRWQGSPAELSDTQGARRTQAAAPATEGRAHPAVSRACSTPHVQVAGKAERP  
TARSEQYLTLGAHDLSEELDVAGLQSRATPQCQRPHGSGRDDKRPPPPYPGPGKPAAAAAWIQGPPEG  
VETPTDQGGQAAEREQQVTQKKLSSANSLPAGEQDSPRLGDAGWLDWQRERWQIWELLSTDNPDALPETL  
V

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

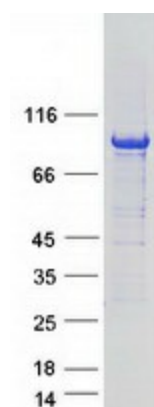
Tag:	C-Myc/DDK
Predicted MW:	84.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_038267</a>
<b>Locus ID:</b>	395
<b>UniProt ID:</b>	<a href="#">O43182</a>
<b>RefSeq Size:</b>	3961
<b>Cytogenetics:</b>	Xp22.2
<b>RefSeq ORF:</b>	2313
<b>Synonyms:</b>	RHOGAP6; RHOGAPX-1
<b>Summary:</b>	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]).