

Product datasheet for TP517352

Arhgap6 (NM_009707) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Rho GTPase activating protein 6 (Arhgap6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR217352 representing NM_009707
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSAQSLLHSVFSCSSPASGGTASAKGFSKRKLRQTRSLDPALIGGCGSEMGAEGGLRGSTVSRLHSPQLL
AEGLSRLASSPRSQHLRATRFQTPRPLCSSFSTPSTPQEKSPSGSFHFYEVPLSRSGLKKMAWDLPS
VLAGSGSASSRSPASILSSSGGGPNGIFSSPRRWLQQRKFQPPNSRSHPHYVWRSEGDFTWNSMSGRSV
RLRSVPIQSLSELERARLQEVAFYQLQQDCDLGCQITIPKDGQKRKSLRKKLDSLGLKEKNKDFEIPQA
FGMPLSQVIANDRAYKQDLQREEQKDASSDFVSSLLPFGNKKQNKELSSNSLSSTSETPNESTSPN
TPEPAPRRRRGAMSVDSITDLDDNQSRLLALQLSLPAEAQSKKEKARDKKLSLNPIYRQVPRLVDS
QHLEKHGLQTVGIFRVGSSKKRVRQLREEFDRGVDVCLSEEHVHDVAALLKEFLRDMPLLTRELYTA
FINTLLEPEEQGLTQLLIYLLPPCNCDTLHRLQLFLSIVARHADDNVSKDQGQEVGTGNKMTSLNLATIF
GPNLLHKQKSSDKEYSVQSSARAEESTAIIVVQKMIENYEALFMVPPDLQNEVLISLLETDPDWDYLL
RRKASQSSSPDILQTEVSFSMGGRRHSSTDSNKASSGDISPYDNNSPVLSERSLLAMQEDRARGGSEKLYK
VPEQYTLVGHLSPPKSKSRESSPGPRLGKEMSEEPFNIWGTWHSTLKSQKDPGKMTGSYGDIFESSLRP
RPCSLSQGNLSLNWPRCQGSPTGLDSGTQVIRRTQTAATVEQCSVHLPVSRVCSTPHIQDGSRGTRRPA
SSDPFLSLNSTEDLAEGKEDVAWLQSQARPVYQRPQESGKDDRRPPPPYPGSGKPATTSQAQLPLEPPLWR
LQRHEEGSETAVEGGQQASGEHQTRPKLSSAYSLSASEQDKQNLGEASWLDWQRRERWQIWELLSTDNDP
ALPETLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	108.8 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



[View online »](#)

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 after receiving vials.
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:	NP_033837
Locus ID:	11856
UniProt ID:	O54834
RefSeq Size:	5515
Cytogenetics:	X F5
RefSeq ORF:	2961
Synonyms:	A1504284; RhoGAPX-1
Summary:	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Could regulate the interactions of signaling molecules with the actin cytoskeleton. Promotes continuous elongation of cytoplasmic processes during cell motility and simultaneous retraction of the cell body changing the cell morphology (By similarity).[UniProtKB/Swiss-Prot Function]