

## Product datasheet for TP510943

### Arhgef15 (NM\_177566) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Rho guanine nucleotide exchange factor (GEF) 15 (Arhgef15), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210943 protein sequence Red=Cloning site Green=Tags(s)

MSAQLPAATPPTLKPPRIIRPPPSRHRAPHSPGPLHNGSSPKALPQISNDASASVCTSIFWEPTASL  
KPPALLPPSVSRTSLDSQTSPPDPSSTPSPSPVSRRSISPEPAPCSPVPPPKPSGSSRTPLPSGPTPLQD  
GSASAPGTVRRLAGKFEWGAEGKAQSSDSLERC SQSGSTEVNGEKETPEAALSGNGSQENGTDAALACPP  
CCPCVCHVAKPGLLELRWVPVGSSEDLRIPCASPLRASRSRINPPVISHPPVLTYSRSTAERKLLPPL  
KPPKPTKVRQDISTSEELPQPD LKLPSE DGIQTATKAWEGDRPEGAPLNAPPVALEGREEEGLDGLKGLQ  
WELPLQDEPLYQTYRAAVLSEELWVGVEDGGPSPANPGEAPTF SRLPGPRNTLWQELPAVRGSGLLESLS  
PQERRMQESLFEVVTSEASYLRSLRLTDTFVLSQALRDTLTPRDHHTLFSNVQRVQSVSERFLGTLISR  
VRSSPHITDLCDVHAHAVGPFVYVDYVRNQYQEETYSRLMDTNVRFSAELRRLQSLPKCERLPLPSF  
LLLPRITRLRMLLQNILSQTEEGSSRQENAQKALGAVSKIIERCSAEVGRMKQTEELIRLTQRLRFHK  
VKALPLVSWSRRELELQGELTELGCRRGGVLFTRSFRPTPLCLLLFSDLLLITQPKSGRQLQVLDYAHRS  
VQAQVDPDPSGPPTFRLSLLSNHQGRPTHRLQAAASLSDMQRWLGAFPTGPLPCSPDTIYEDCECSQEL  
CSEPSTPSKTEGQSLESKAPRKHLHKNPEGWLKGLPGAFPAQLVCEVTGEHERRKHLRQHQLLEAVGPS  
SGTPDTPQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	92.9 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C after receiving vials.
<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>	<u><a href="#">NP_808234</a></u>
<b>Locus ID:</b>	442801
<b>UniProt ID:</b>	<u><a href="#">Q5FWH6</a></u>
<b>RefSeq Size:</b>	4213
<b>Cytogenetics:</b>	11 B3
<b>RefSeq ORF:</b>	2550
<b>Synonyms:</b>	D130071N09; D530030K12Rik; E5
<b>Summary:</b>	Specific GEF for RhoA activation. Does not activate RAC1 or CDC42. Regulates vascular smooth muscle contractility. Negatively regulates excitatory synapse development by suppressing the synapse-promoting activity of EPHB2.[UniProtKB/Swiss-Prot Function]