

Product datasheet for **TP307435L**

Rho guanine exchange factor 15 (ARHGEF15) (NM_173728) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human Rho guanine nucleotide exchange factor (GEF) 15 (ARHGEF15), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC207435 protein sequence
Red=Cloning site **Green**=Tags(s)

MSAQS LPAATPPTQKPPRIIRPPPSRSRAAQSPGPPHNGSSPQELPRNSNDAPTPMCTPIFWEPPAASL
KPPALLPPSASRASLDSQTSPDPSSTPTSPVSRRSASPEAPRSPVPPPKPSGSPCTPLLP MAGVLAQ
NGSASAPGTVRR LAVRFEGGAEGRAQDADAPEPGLQARADVNGEREAPLTGSGSQENGAPDAGLACPPC
C
PCVCHTTRPGLELRWVPVGGYEEVPRVPRRASPLRTSRSRPHPPSIGHPAWLT SYRSTAERKLLPPLKP
PKPTRVRQDATIFGDPPQPDLDLLEDGIQTGDSPDEAPQNTPPATVEGREEGLEVLKEQNWELPLQDE
PLYQTYRAAVLSEELWGVGEDGSPSPANAGDAPTFPRPPGPRNTLWQELPAVQASGLD TLSPQERRMQ
E
SLFEVVTSEASYLRSLRLTDTFVLSQALRDTLTPRDHHTLFSNVQRVQGVSERFLATLLSRVRSSPHIS
DLCDVWHAAVGPFSVYVDYVRNQYQEETYSRLMDTNVRFSAELRRLQSLPKCERLPLPSFLLLPFQRI
TRLRMLLQNILRQTEEGSSRQENAKALGAVSKIIERCSAEVGRMKQTEELIRLTQRLRFHKVKALPLVS
WSRRLEFQGELTELGCRRGGVLFASRPRTPLCLLLFSDLLITQPKSGQRLQVLDYAHRSLVQAQQVPD
PSGPPTFRLSLLSNHQGRPTHRLQASSLSDMQRWLGAFPTPGPLPCSPDTIYEDCDCSQELCSESSAPA
KTEGRSLESRAAPKHLHKTPEGWLKGLPGAFFAQLVCEVTGEHERRRHLRQNQRLLAEVGPSSGTPNAPP
P

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 91.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

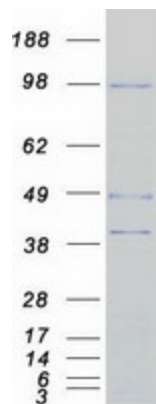
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



[View online »](#)

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:	NP_776089
Locus ID:	22899
UniProt ID:	O94989
RefSeq Size:	4220
Cytogenetics:	17p13.1
RefSeq ORF:	2523
Synonyms:	ARGEF15; E5; Ephexin5; Vsm-RhoGEF
Summary:	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein-coupled receptors. This gene encodes a protein that functions as a specific guanine nucleotide exchange factor for RhoA. It also interacts with ephrin A4 in vascular smooth muscle cells. Two alternatively spliced transcripts variants that encode the same protein have been found for this gene. [provided by RefSeq, Aug 2010]

Product images:



Coomassie blue staining of purified ARHGEF15 protein (Cat# [TP307435]). The protein was produced from HEK293T cells transfected with ARHGEF15 cDNA clone (Cat# [RC207435]) using MegaTran 2.0 (Cat# [TT210002]).