

Product datasheet for PH307435

Rho guanine exchange factor 15 (ARHGEF15) (NM_173728) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARHGEF15 MS Standard C13 and N15-labeled recombinant protein (NP_776089)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207435
Predicted MW:	92 kDa
Protein Sequence:	>RC207435 protein sequence Red =Cloning site Green =Tags(s)

MSAQSPLAATPPTQKPPRIIRPPSRRAAQSPGPHNGSSPQELPRNSNDAPTPMCTPIFWEPPAASL
 KPPALLPPSASRASLDSQTSPPSPVSRSSASPEPAPRSPVPPPKPSGSPCTPLLPMAQVLAQ
 NGSASAPGTVRRRLAVRFEGGAEGRAQDADAPEPLQARADVNGEREAPLTGSGSQENGAPDAGLACPPCC
 PCVCHTTRPGLELRWVPVGGYEEVPRVPRRASPLRTSRSRPHPPSIGHPAVVLTYSRSTAERKLLPPLKP
 PKPTRVRQDATIFGDPPQPDLLSLEDGIQTGDSPEAPQNTPPATVEGREEEGLEVLEQNWELPLQDE
 PLYQTYRAAVLSEELWVGEDGSPSPANAGDAPTFPRPPGPRNTLWQELPAVQASGLLDLSPQERRMQE
 SLFEVVTSEASYLRSLRLTDTFVLSQALRDTLTPRDHHTLFSNVQRVQGVSERFLATLLSRVRSSPHIS
 DLCDVVHAHAVGPFVYVDYVRNQYQEETYSRLMDTNVRFSAELRRLQSLPKCERLPLPSFLLLPFQRI
 TRLRMLLQNILRQTEEGSSRQENAKALGAVSKIIERCSAEVGRMKQTEELIRLTQRLRFHKVKALPLVS
 WSRRLFQGELETGCRGGVLFASTRPFTPLCLLLFSDLLLITQPKSGQRLQVLDYAHRSLVQAQQVPD
 PSGPPTFRLSLLSNHQGRPTHRLQASSLSDMQRWLGAFPTPGPLPCSPDTIYEDCDCSQELCSESSAPA
 KTEGRSLESRAAPKHLHKTPEGWLKGLPGAFAQLVCEVTGEHRRRHLRQNQRLLAVGPSSGTPNAPP
 P

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP_776089](#)

RefSeq Size: 4220

RefSeq ORF: 2523

Synonyms: ARGEF15; E5; Ephexin5; Vsm-RhoGEF

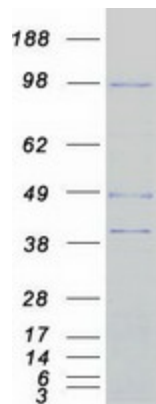
Locus ID: 22899

UniProt ID: [O94989](#), [A0A0S2Z547](#)

Cytogenetics: 17p13.1

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]).