

Recombinant Full Length Human ARHGEF10L Protein, C-Flag-tagged

Cat. No. ARHGEF10L-1832HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ARHGEF10L Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene belongs to the RhoGEF subfamily of RhoGTPases. Members of this subfamily are activated by specific guanine nucleotide exchange factors (GEFs) and are involved in signal transduction. The encoded protein shows cytosolic distribution. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	140.2 kDa
AA Sequence	MASSNPPPQPAIGDQLVPGVPGPSSEAEDDPGEAFEFDDSDDEEDTSAALGVPSLA PERDTPPLIHLDSPVTDPPDPAAPPPTGVPWWSNGDAADAAFGARHSSWKR KSSRRIDRFTFPAL EEDVIYDDVPCESPD AHQPGAERNLLYEDAHRA GAPRQAEDL GWSSEFESYSEDSGEEAKPEVEVEPAKHRVSFQPKLSPDLTR LKERYARTKRDIL ALRVGGRDMQELKHKYDCKMTQLMKA AKSGTKDGLEKTRMAVMRKVSFLHRKDV L GD SEEEDMGLLEVSVSDIKPPAPELGPMPEGLSPQQVRRHILGSIVQSEGSYVES LKRI LQDYRNPLMEME PKALSARKCQVVFVRVKEILHCHSMFQIALSSRVAEWDSTE KIGDLFVASFSKSMVLDVYSYVNNFTSA MSIIKKACLT KP AFLEFLKRRQVCSPDRV

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TLYGLMVKPIQRFPQFILLQLDMLKNTPRGHPDRSLQLAL TELETAEKLNEQKRLA
 DQVAEIQLTKSVSDRSSLNKLTSQGQRQLLLCETLTETVYGDRGQLIKSKER RVFL
 LNDMLVCANINFKPANHRGQLEISSLVPLGPKYVVKWNTALPQVQVVEVGQDGGTY
 DKDNVLIQHS GAKKASASGQAQNKVYLGPPRLFQELQDLQKDLAVVEQITLLISTLH
 GTYQNLNMTVAQDWCLALQRLMR VKEEEIHSANKCRLRLLLPGKPKDKSGRPISFMV
 VFITPNPLSKISWVNRLHLAKIGLREENQPGWLCPDE DKKSKAPFWCPILACCIPAFS
 SRALSLQLGALVHSPVNCPLLGFSAVSTSLPQGYLWVGGGQEGAGGQVE IFSLNR
 PSPRTVKSFLAAPVLCMEYIPELEEEAESRDESPTVADPSATVHPTICLGLQDGSIL
 LYSSVD TGTQCLVSCRSPGLQPVLCLRHSFHLLAGLQDGTAAYPRTSGGVLWDL
 ESPPVCLTVGPGPVRTLSSL EDAVWASCGPRVTVLEATTLQPQQSFQAHQDEAVS
 VTHMVKAGSGVWMAFSSGTSIRLFHTETLEHLQEI NIATRTTFLLPGQKHLCVTSLLI
 CQGLLWVGTDQGVIVLLPVPRLEGIPKITGKGMVSLNGHCGPVAFLA VATSILAPDIL
 RSDQEEAEGPRAEEDKPDGQAHEPMPDSHVGRELTRKKGILLQYRLRSTAHLPGPL
 LSM REPAPADGAALHSEEDGSIYEMADDPDIWVRSRPCARDAHRKEICSVAIISGG
 QGYRNFGSALGSSGRQ APCGETDSTLLIWQVPLML TRTRPLEQKLISEEDLAANDI
 LDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

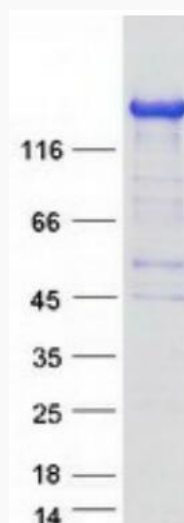
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GENE INFORMATION

Gene Name	ARHGEF10L Rho guanine nucleotide exchange factor 10 like [Homo sapiens (human)]
Official Symbol	ARHGEF10L
Synonyms	GrinchGEF
Gene ID	55160
mRNA Refseq	NM_018125.4
Protein Refseq	NP_060595.3
MIM	612494
UniProt ID	Q9HCE6



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Coomassie blue staining of purified ARHGEF10L protein.

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