

Recombinant Human ARHGEF10L Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARHGEF10L-5203H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARHGEF10L MS Standard C13 and N15-labeled recombinant protein (NP_060595) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	140.2 kDa
AA Sequence	MASSNPPQPAIGDQLVPGVPGPSSEAEDDPGEAFEFDDSDDEEDTSAALGVPSLA PERDTPPLIHLDSIPVTDPDPAAPPGTGVPAAVWSNGDAADAAFGARHSSWKRK SSRRIDRFTFPAL EEDVIYDDVPCESPDAHQP GAERNLLYEDAH RAGAPRQAEDLG WSSSEFESYSEDSGEEAKPEVEVEPAKHRVSFQPKLSPDLTRLKERYARTKRDILAL RVGGRDMQELKHKYDCKMTQLMKAASGTDGKLEKTRMAVMRKVSFLHRKDVLG DSEEDMGLLEVSVSDIKPPAPELGPMPEGLSPQQVRRHILGSIVQSEGSYVESLK RILQDYRNPLMEMEPKALSARKCQVFFRVKEILHCHSMFQIALSSRVAEWDSTEKI GDLFVASFSKSMVLDVYSDYVNNFTSAMSIIKKACLT KPAFLEFLKRRQVCSPDRVTL YGLMVKPIQRFPQFILLQLDMLKNTPRGHPDRLSLQLALTELET LAEKLNEQKRLADQ

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VAEIQQLTKSVSDRSSLNKLTTSGQRQLLTCETLTETVYGDRGQLIKSKERRVFLND
MLVCANINFKPANHRGQLEISSLVPLGPKYVVKWNTALPQVQVVEVGQDGGTYDKD
NVLIQHSGAKKASASGQAQNKVYLGPPRLFQELQDLQKDLAVVEQITLLISTLHGTYQ
NLNMTVAQDWCLALQRLMRVKEEEIHSANKCRLRLLPGKPKDKSGRPISFMVVFITP
NPLSKISWVNRLHLAKIGLREENQPGWLCPDEDKKSAPFWCPILACCIPAFSSRAL
SLQLGALVHSPVNCPLLGFSAVSTSLPQGYLWVGGGQEGAGGQVEIFSLNRPSPT
VKSFPLAAPVLCMEYIPELEEEAESRDESPTVADPSATVHPTICLGLQDGSILLYSSV
DTGTQCLVSCRSPGLQPVLCLRHSPPFHLLAGLQDGTAAYPRTSGGVLWDLESPPV
CLTVGPGPVRTLSSLEDAVWASCGPRVTVLEATTLQPQQSFEAHQDEAVSVTHMVK
AGSGVWMAFSSGTSIRLFHTTETLEHLQEINIATRRTFLLPGQKHLCVTSLLICQGLLW
VGTDQGVIVLLPVPRLEGIPKITGKGMVSLNGHCGPVAFLAVATSILAPDILRSDQEEA
EGPRAEEDKPDGQAHEPMPDSHVGRELTRKKGILLQYRLRSTAHLPGPLLSMREPA
PADGAALHSEEDGSIYEMADDPDIWVRSRPCARDAHRKEICSVAIISGGQGYRNFG
SALGSSGRQAPCGETDSTLLIWQVPLMLTRTRPLEQKLISEEDLAANDILDYKDDDD
KV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ARHGEF10L Rho guanine nucleotide exchange factor 10 like [Homo sapiens

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	(human)]
Official Symbol	ARHGEF10L
Synonyms	ARHGEF10L; Rho guanine nucleotide exchange factor (GEF) 10-like; GrinchGEF; rho guanine nucleotide exchange factor 10-like protein; Rho guanine nucleotide exchange factor (GEF) 10-like
Gene ID	55160
mRNA Refseq	NM_018125
Protein Refseq	NP_060595
MIM	612494
UniProt ID	Q9HCE6
SDS-PAGE	