

Product datasheet for **TP316688L**

RELCH (NM_020854) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens KIAA1468 (KIAA1468), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216688 representing NM_020854 Red =Cloning site Green =Tags(s)

MAAMAPGGSGSGGGVNPFLSDSDEDDDEVAATEERRAVRLRGAGSGLDPGSAGSLSPQDPVALGSSARP
G
LPGEASAAVALGGTGETPARLSIDAIAAQLLRDQYLLTALELHTELES GRELPRLRDYFSNPGNFERQ
SGTTPPGMGAPGPGAAGVGGAGGREPSTASGGGQLNRAGSISTLDSLDFARYSDDGNRETDEKVAVLEFE
LRKAKETIQALRANLTAAAEHVPLQERKNYKSSPEIQEPIKPLEKRALNFLVNEFLLKNNYKLTSTIFS
DENDDQDFELWDDVGLNIPKPPDLLQLYRDFGNHQVTGKDLVDVASGVEEDELEALTPISNLPPTLETP
QPAENSM LVQKLEDKISLLNSEKWSLMEQIRRLKSEMDFLKNEHFAIPAVCDSDVQPPLDQLPHKDSSEDSG
QHPDVNSSDKGKNTDIHLSISDEADSTIPKENS PNFRREREGMPPSSLSSKKT VHFDPKNRKLSPAFH
QALLSFCRMSADSRLGYEVSRIADSEKSVMLMLGRCLPHIVPNVLLAKREELIPLILCTAC LHPEPKERD
QLLHILFNLIKRPDDEQRQMILTGCVA FARHVGPTRVEAELL PQCWEQINHKYPERLLVAESCGALAPY
LPKEIRSSLVLSMLQ QMLMEDKADLVREAVIKSLGIIMGYIDDPDKYHQGFELLLSALGDPSE RVVSATH
QVFLPAYAAWTTTELGNLQSHLILTLLNKIEKLLREGEHGLDEHKLHMYLSALQSLPSLFALVLQNAPFS
SKAKLHGEVPQIEVTRFPRPMSPLQDVSTIIGSREQLAVLLQLYDYQLEQEGTTGWESLLWVWNQLLPQL
IEIVGKINVTSTACVHEFSRFFWRLCRTFGKIFTNTKV KPPQFQEILRLSEENIDSSAGNGVLT KATVPIY
ATGVLTCYIQEEDRKLLVGFL EDVMTLLSLSHAPLDSLKASFVELGANPAYHEL LTLVWYGVVHTSALV
RCTAARMFELTLRGMSEALVDKRVAPALVTLSSDPEFSVRIATIPAFGTIMETVIQRELLERVKMQLASF
LED PQYQDQHSLHTEI IKT FGRVGPNAEPRFRDEFVIPH LHKLALVNNLQIVDSKRLDIATHLFEAYSAL
SCCFISEDLMVNHFLPGLRCLRTDMEHLSPEHEVILSSMIKECEQKVENKTVQEPQGSMSIAASLVSEDT
KTKFLNKMGLTTSGAMLANVFQRKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

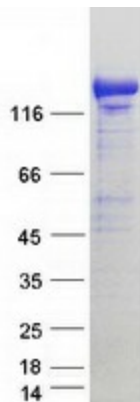
Tag:	C-Myc/DDK
Predicted MW:	134.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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_065905
Locus ID:	57614
UniProt ID:	Q9P260
RefSeq Size:	5459
Cytogenetics:	18q21.33
RefSeq ORF:	3648
Synonyms:	HsT885; HsT3308; KIAA1468
Summary:	Regulates intracellular cholesterol distribution from recycling endosomes to the trans-Golgi network through interactions with RAB11 and OSBP (PubMed:29514919). Functions in membrane tethering and promotes OSBP-mediated cholesterol transfer between RAB11-bound recycling endosomes and OSBP-bound Golgi-like membranes (PubMed:29514919). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RELCH protein (Cat# [TP316688]). The protein was produced from HEK293T cells transfected with RELCH cDNA clone (Cat# [RC216688]) using MegaTran 2.0 (Cat# [TT210002]).