

Product datasheet for PH316688

RELCH (NM_020854) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KIAA1468 MS Standard C13 and N15-labeled recombinant protein (NP_065905)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216688
Predicted MW:	134.4 kDa
Protein Sequence:	>RC216688 representing NM_020854 Red=Cloning site Green=Tags(s)

MAAMAPGGSGSGGVNPFLLSDSDEDDDEVAATEERRAVLRLLGAGSGLDPGSAGSLSPQDPVALGSSARPG
LPGEASAAVALGGTGETPARLSIDAIAAQLLRDQYLLTALELHTELLSGRELPRLRDYFSNPGNFERQ
SGTPPGMGAPGVGAAGVGGAGGREPSTASGGGQLNRAGSISTLDSLDFARYSDDGNRETDEKVAVLEFE
LRKAKETIQALRANLTAAEHEVPLQERKNYKSSPEIQEPIKPLEKRALNFLVNEFLLKNKYKLTSTIFS
DENDDQDFELWDDVGLNIPKPDLLQLYRDFGNHQVTGKDLVDVASGVEEDELEALTPIIISNLPPTLETP
QPAENSMLVQKLEDKISLLNSEKWSLMEQIRRLKSEMDFLKNEHFAIPAVCDVQPPDLQPLHKDSEDSG
QHPDVNSSDKGKNTDIIHLSISDEADSTIPKENSFPRREREGMPPSSSKKTVHFDKPNRKLSPAFH
QALLSFCRMSADSRLGYEVSRIADSEKSVMLMLGRCLPHIVPNVLLAKREELIPLILCTACLHPEPKERD
QLLHILFNLIKRPDDEQRQMILTGCVAFARHVGPTRVEAELLPQCWEQINHKYPERRLLVAESCGALAPY
LPKEIRSSLVLSMLQQLMEDKADLVREAVIKSLGIIMGYIDDPKYHQGFELLSALGDPSESVSATH
QVFLPAYAAWTTTELGNLQSHLILTLNKEKLLREGEHGLDEHKLHMYLSALQSLIPSLFALVLQNAPFS
SKAKLHGEVPQIEVTRFPRMSPQLQDVSTIIGSREQLAVLLQLYDYQLEQEGTTGWESLLWVYNQLLPQL
IEIVGKINVTSTACVHEFSRFFWRLCRTFGKIFTNTKVQPQFQELRLSEENIDSSAGNGLTKATVPIY
ATGVLTCYIQEEDRKLVLGFLEDVMTLLSLSHAPLDSLKASFVELGANPAYHELLLTVLWYGVVHTSALV
RCTAARMFELTLRGMSEALVDKRVAPALVTLSSDPEFSVRIATIPAFGTIMETVIQRELLERVKMLASF
LEDPPYQDQHSLHTEIIKTFGRVGPNAEPRFRDEFVIPHLLKLALVNNLQIVDSKRLDIATHLFEAYSAL
SCCFISEDLMVNHFLLPGLRCLRTDMEHLSPEHEVILSSMIKECEQKVENKTVQEPQGSMSIAASLVSEDT
KTKFLNKMQLTTSGAMLANVFQRKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

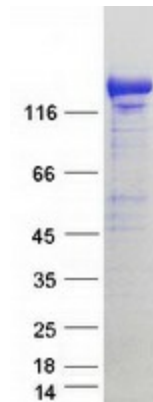
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine



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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.
RefSeq:	NP_065905
RefSeq Size:	5459
RefSeq ORF:	3648
Synonyms:	HsT885; HsT3308; KIAA1468
Locus ID:	57614
UniProt ID:	Q9P260 , Q96ES0
Cytogenetics:	18q21.33
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]).