

## Product datasheet for PH324307

### KLRAQ (PPP1R21) (NM\_152994) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	KLRAQ1 MS Standard C13 and N15-labeled recombinant protein (NP_694539)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224307
Predicted MW:	87 kDa
Protein Sequence:	>RC224307 representing NM_152994 Red=Cloning site Green=Tags(s)

MASAE LQGKYQKLAQEY SKLRAQNQVLKKG VVDEQANSAALKEQLKMKDQSLRKLQQEMDSL TFRNLQLA  
KRV ELLQDELALSEPRGKKNKKS GESSSQLSQEQKSVFDEDLQKKIEENERLHIQFFEADEQHKHVEAEL  
RSRLATLETEAAQHQA VVDGLTRKYMETIEK LQNDKAKLEVKSQTLEKEAKECRLRTEECQLQLKTLHED  
LSGRLEESLSIINEKVPFN DTKYSQYNALNVPLHNRRHQ LKMRDIAGQALAFVQDLVTALLNFHTYTEQR  
IQIFPVDSAIDTISPLNQKFSQYLHENASYVRPLEEGMLHLFESITEDT VTVLETTVKLKT FSEHLTSYI  
CFLRKILPYQLKSLEEECESSLCT SALRARNLELSQDMKMTAVFEKLQTYIAL LALPSTEPDGLLR TNY  
SSVLTNVGAALHGFHDVMKD ISKHYSQKAAIEHELPTATQKLIT TNDCILSSVVALTNGAGKIASFFSNN  
LDYFIASLSYGPKAASGFISPLSAECMLQYKKAAYMKSLRKPLLESVPYEEALANRRILLSSTESREG  
LAQQVQQSLEKISKLEQEKEHWML EAQLAKIKLEKENQRIADKLNK TGSACL VGLAQENA AVSNTAGQDE  
ATAKAVLEPIQSTSLVPD VESREDLIK NHYMARIVELTSQLQLADSKSVHFYAE CRALSKRLALAEKSKE  
ALTEEMKLASQNISRLQDEL TTTKRSYEDQLSMMSDHLCSMNETLSKQREEIDTLKMSKGN SKKNKSR

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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.
RefSeq:	<a href="#">NP_694539</a>



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RefSeq Size:	3155
RefSeq ORF:	2307
Synonyms:	CCDC128; KLRAQ1
Locus ID:	129285
UniProt ID:	<a href="#">Q6ZMI0</a>
Cytogenetics:	2p16.3
Summary:	Putative regulator of protein phosphatase 1 (PP1) activity (PubMed:19389623). May play a role in the endosomal sorting process or in endosome maturation pathway (PubMed:30520571).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified PPP1R21 protein (Cat# [TP324307]). The protein was produced from HEK293T cells transfected with PPP1R21 cDNA clone (Cat# [RC224307]) using MegaTran 2.0 (Cat# [TT210002]).