

Product datasheet for **TP324307M**

KLRAQ (PPP1R21) (NM_152994) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human KLRAQ motif containing 1 (KLRAQ1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC224307 representing NM_152994
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MASAE LQ GKY QK LAQEY SKLRAQ NQVLKKG VVDEQ ANS AALKEQLKMKDQSLRKLQQEMDSLTFRN LQLA
KRV ELLQDELALSEPRGKKNKSGESSQLSQEQKSVFDEDLQKKIEENERLHIQFFEADEQHKHVEAEL
RSRLATLETEAAQHQA VVDGLTRKYMETIEKLQNDKAKLEVKSQTLEKEAKECRLRTEECQLQLKTLHED
LSGRLEESLSIINEKVPFNDTKYSQYNALN VPLHNRRRHLKMRDIAGQALAFVQDLVTALLNFHTYTEQR
IQIFPVDSAIDTISPLN QKFSQYLHENASYVRPLEEGMLHLFESITEDTVTVLETTV KLTTFSEHLTSYI
CFLRKILPYQLKSLEEECESSLCT SALRARNLELSQDMKKMTAVFEKLQTYIALLALPSTEPDGLLR TNY
SSVLTNVGAALHGFHDV MKDISKHYSQKAAIEHELPTATQKLITTND CILSSVWALTNGAGKIASFFSNN
LDYFIASLSYGPKAASGFISPLSAECMLQYK KAAAYMKSRLKPLLESVPYEEALANRRILLSSTESREG
LAQQVQQSLEKISLEQEKEHWMLEAQLAKIKLEKENQRIADKLN TGS AQLVGLAQENAAVSNTAGQDE
ATAKAVLEPIQSTSLVPD VESREDLIKNHYMARIVELTSQLQLADSKSVHFYAECRALS KRLALAEKSKE
ALTEEMKLASQNISRLQDELTTTKRSYEDQLSMMSDHLCSMNETLSKQREEIDTLKMSSKGN SKKNKSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	87 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
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.



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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_694539
Locus ID:	129285
UniProt ID:	Q6ZMI0
RefSeq Size:	3155
Cytogenetics:	2p16.3
RefSeq ORF:	2307
Synonyms:	CCDC128; KLRAQ1
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]).