

Product datasheet for PH309536

KHDC4 (NM_014949) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KIAA0907 MS Standard C13 and N15-labeled recombinant protein (NP_055764)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209536
Predicted MW:	64.8 kDa
Protein Sequence:	>RC209536 protein sequence Red =Cloning site Green =Tags(s)

MSAGSATHPGAGGRRSKWDQPAPAPLLFLPPAAPGGEVTS SGGSPGGTTAAPSGALDAAA VAAKINAML
 MAKGKLKPTQNASEKLQAPGKGLTSNKSDDL VVAEVEINDVPLTCRNLLTRGQTQDEISRLSGAAVSTR
 GRFMTTEEKAKVGPGRPLYLHVQGQTRELVDRAVNRKEIITNGVVKAATGTSPTFNGATVTVYHQAPAP
 IAQLSPA V SQKPPFQSGMHYVQDKLFVGLEHAVPTFNVKEKVEGPGCSYLQHIQIETGAKVFLRGKSGC
 IEPASGREAFEPMYIYISHPKPEGLAAAKKL CENLLQTVHAEYSRFVNQINTAVPLPGYTQPSA ISSVPP
 QPPYYPSNGYQSGYPVPPPPQPVQPPYGVPSI VPPAVSLAPGVLPALPTGVPPVPTQYPITQVQPPAST
 GQSPMGPFIPAAPVK TALPAGPQPQPQPPLPSQPAQKRRFTEELPDERESGLLGYQHGP I HMTNLG
 TGFSSQNEIEGAGSKPASSSGKERERDRQLMPPPAFPVTGIKTESDERNGSGTLTGS HDYPAKKMKTT EK
 GFGLVAYAADSSDEEEHGGHK NASSFPQGWSLGYQYPSSQPRAKQ QMPFWMAP

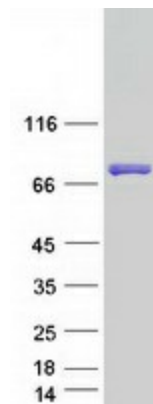
TRTRPLEQKLISEEDLANDILDYKDDDDKV

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
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_055764
RefSeq Size:	2960
RefSeq ORF:	1842


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Synonyms:	BLOM7; KIAA0907; SNORA80EHG
Locus ID:	22889
UniProt ID:	<u>Q7Z7F0</u>
Cytogenetics:	1q22
Summary:	RNA-binding protein involved in pre-mRNA splicing (PubMed:19641227). Interacts with the PRP19C/Prp19 complex/NTC/Nineteen complex which is part of the spliceosome (PubMed:19641227). Involved in regulating splice site selection (PubMed:19641227). Binds preferentially RNA with A/C rich sequences and poly-C stretches (PubMed:23144703). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified KHDC4 protein (Cat# [TP309536]). The protein was produced from HEK293T cells transfected with KHDC4 cDNA clone (Cat# [RC209536]) using MegaTran 2.0 (Cat# [TT210002]).