

Product datasheet for PH303552

KLHDC3 (NM_057161) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KLHDC3 MS Standard C13 and N15-labeled recombinant protein (NP_476502)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203552
Predicted MW:	43.1 kDa
Protein Sequence:	>RC203552 protein sequence Red =Cloning site Green =Tags(s)

MLRWTVHLEGGPRRVNHA AVAVGHRVYSFGGYCSGEDYETLRQIDVHIFNAVSLRWTKLPPVKS AIRGQA
 PVVPYMR YGHSTVLIDDTVLLWGG RNDTEGACNVLYAFDVNTHKWFTPRVSGTVPGARDGHSACVLGKIM
 YIFGGYEQQADCF SNDIHKLDTSTMTWLICTKGSPARWRDFHSATMLGSHMYVFGGRADRF GPFHSNNE
 IYCNIRIVFDTRTEAWLDCPPTPVLPEGR RSHSAFGYNGELYIFGGYNARLNRHFHDLWKFNVPVSFTWKK
 IEPKGKGPCPRRRQCCCI VGDKIVLFGGTSPSPEEGLGDEFDLIDHSDLHILDFSPSLKTLCKLAVIQYN
 LDQSCLPHDIRWELNAMTTNSNISRP IVSSHG

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
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:	<u>NP_476502</u>
RefSeq Size:	2029
RefSeq ORF:	1146
Synonyms:	dJ20C7.3; PEAS
Locus ID:	116138

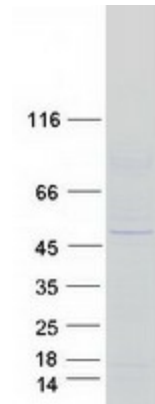

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UniProt ID: Q9BQ90

Cytogenetics: 6p21.1

Summary: The protein encoded by this gene contains six repeated kelch motifs that are structurally similar to recombination activating gene 2, a protein involved in the activation of the V(D)J recombination. In mouse, this gene is found to be expressed specifically in testis. Its expression in pachytene spermatocytes is localized to cytoplasm and meiotic chromatin, suggesting that this gene may be involved in meiotic recombination. [provided by RefSeq, Jun 2012]

Product images:



Coomassie blue staining of purified KLHDC3 protein (Cat# [TP303552]). The protein was produced from HEK293T cells transfected with KLHDC3 cDNA clone (Cat# [RC203552]) using MegaTran 2.0 (Cat# [TT210002]).