

Product datasheet for PH305226

CCDC87 (NM_018219) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CCDC87 MS Standard C13 and N15-labeled recombinant protein (NP_060689)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205226
Predicted MW:	96.4 kDa
Protein Sequence:	>RC205226 protein sequence Red =Cloning site Green =Tags(s)

MMEPPKPEPELQRFYHRLRLPLSLFPTRTTSPEPQKRPPQEGRILQSFPLAKLTVASLCSQVAKLLAGSG
IAAGVPPEARLRLIKVILDELKCSWREPPAELSLSHKNNQKLKRLEAYVLLSSEQLFLRYLHLLVTMST
PRGVFTESATLTRLAASLARDCTLFLTSPNVYRGLLADQALLRAEQASGDVDKLHPVCPAGTFKLCPIIP
WPHSTGLAQVQCSNLLNLYLIQLSRPPEFLNEPGRMDPVKELKSIPRLKRKKPFHWLPSIGKKREIDISS
SQMVSLPSYPVAPTSRASPSFCEPCLRRGQSMPSLREGWRLADELGLPPLPSRPLTPLVLATESKPELTG
LIVAEDLKQLIKKMKLEGTRYPLDGLPPLGVVTRHPAAGHRLEEKMLRNLQEEEASGQWDPQPPK
SFPLHPQPVTTITLKLNEVVVQAAAVRVSDRNFLDSFHIEGAGALYNHLAGELDPKAIEKMDIDNFVGST
TREVYKELMSHVSSDHLHFDQGPLVEPAADKDWSTFLSSAFLRQEKQPQIINPELVGLYSQRANTLQSNT
KKMPSLPSLQATKSWEKWSNKASLMNSWKTTLSDVDFYKYLTNHETDFLHVIFQMHEEEVPEIVAPARE
SLEIQHPPLLEDEEPPDFVPGEDWNTVLEHRLGAGKTPHLGEPHKILSLQKHLEQLWSVLEVPDKDQVD
MTIKYSSKARLRQLPSLVNAWERALKPIQLREALLARLEWFEGQASNPFRFFKKTNLSSSHFLEENQVRS
HLHRKLNLMESSLVSLLEEIELIFGEPVIFKGRPYLDKMKSDKVEMLYWLQQRRVRHLVSALKDPHQST
LFRSSAASL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

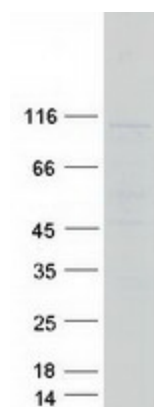
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq:	<u>NP_060689</u>
RefSeq Size:	2915
RefSeq ORF:	2547
Locus ID:	55231
UniProt ID:	<u>Q9NVE4</u>
Cytogenetics:	11q13.2
Summary:	Plays a role in spermatogenesis, where it is important for normal sperm head morphology. Also required for the acrosome reaction and thus normal male fertility.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified CCDC87 protein (Cat# [TP305226]). The protein was produced from HEK293T cells transfected with CCDC87 cDNA clone (Cat# [RC205226]) using MegaTran 2.0 (Cat# [TT210002]).