

Product datasheet for PH320737

KIAA0664 (CLUH) (NM_015229) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KIAA0664 MS Standard C13 and N15-labeled recombinant protein (NP_056044)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220737
Predicted MW:	146.5 kDa
Protein Sequence:	>RC220737 representing NM_015229 Red =Cloning site Green =Tags(s)

MLLNGDCPESLKKEAAAAEPPRENGLDEAGPGDETTGQEVIVIQDTGFSVKILAPGIEPFSLQVSPQEMV
 QEIHQVLMREDTCHRTCFSLHLDGNVLDHFSLSRVEGLQEGSVLRVVEEPTVREARIHVRHVRDLLK
 SLDPDAFNGVDCNSLSFLSVFTDGDLDGSGKRKKGLEMPIDCTPPEYILPGSRERPLCPLQPQNRDWK
 PLQCLKVLTMGWNPPPGNRKMHGDLMYLFVITAEDRQVSITASTRGFYLNQSTAYHFNPKPASPRFLSH
 SLVELLNQISPTFKKNFAVLQKKRVQRHPFERIATPFQVYSWTAPQAEHAMDCVRAEDAYTSRLGYEEHI
 PGQTRDWEELQTTRELPRKNLPERLLRERAIKVVHSDFTAAATRGAMAVIDGNVMAINPSEETKMQMFI
 WNNIFFSLGFDVRDHYKDFGGDVAAYVAPTNDLNGVRTYNAVDVEGLYTLGTVVVDYRGYRVTAQSIIPG
 ILERDQEQSVIYGSIDFGKTVVSHPRYLELLERTSRPLKILRHQVLNDRDEEVELCSSVECKGIIGNDGR
 HYILDLLRTFPDLNFLPVPGEELPEECARAGFPRAHRHKLCCLRQELVDAFVEHRYLLFMKLAALQLMQ
 QNASQLETPSSLENGGPSSLESKSEDPPGQEAAGSEEEGSSASGLAKVKELAEIAADDGTDPRESVIRN
 ACKAVGSISSAFDIRFNPDIFSPGVRFPESCQDEVDRQQLLKDAFAFLSCQIPGLVKDCMEHAVLPV
 DGATLAEVMRQRGINMRYLGKVLVLRSPARHQLDHVFKIGIGELITRSKHIKTYLQGVLSGLSAA
 ISHFLNCFSSYPNPVAHLPADELVSKKRNRKRNRPPGAADNTAWAVMTPQELWKNICQEAKNYDFDL
 ECETVDQAVETYGLQKITLLREISLKTGIQVLLKEYSFDSRHKPAFTEEDVLNIFPVVKHVNPKASDAFH
 FFQSGQAKVQQGFLKEGCELINELNLFNNVYGAMHVETACLRLLARLHYIMGDYAEALSNQQAVALMS
 ERVMGTEHPNTIQEYMHALYCFASSQLSTALSLLYRARYLMLLVFGEDHPEMALLDNNIGLVHGVMEY
 DLSLRFLENALAVSTKYHGPKALKVALSHHLVARVYESKAEFRSALQHEKEGYTIYKTQLGEDHEKTES
 SEYLYKCLTQQAVALQRTMNEIYRNGSSANIPPLKFTAPSMASVLEQLNVINGILFIPLSQKDLENLKAEV
 ARRHQLQEASNRDRAEPEMATEPAPAGAPGDLGSQPPAAKDPSPSVQG

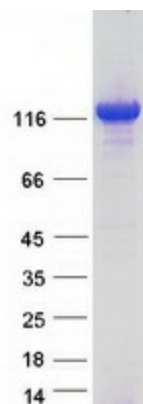
SGPTRTRLEQKLISEEDLAANDILDYKDDDDKV

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


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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_056044
RefSeq Size:	5252
RefSeq ORF:	3927
Synonyms:	CLU1
Locus ID:	23277
UniProt ID:	O75153
Cytogenetics:	17p13.3
Summary:	mRNA-binding protein involved in proper cytoplasmic distribution of mitochondria. Specifically binds mRNAs of nuclear-encoded mitochondrial proteins in the cytoplasm and regulates transport or translation of these transcripts close to mitochondria, playing a role in mitochondrial biogenesis.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified CLUH protein (Cat# [TP320737]). The protein was produced from HEK293T cells transfected with CLUH cDNA clone (Cat# [RC220737]) using MegaTran 2.0 (Cat# [TT210002]).