

Product datasheet for PH302317

C17orf27 (RNF213) (NM_020954) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RNF213 MS Standard C13 and N15-labeled recombinant protein (NP_066005)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202317
Predicted MW:	118.4 kDa
Protein Sequence:	>RC202317 protein sequence Red=Cloning site Green=Tags(s)

MECPSCQHVSKKEETPKFCSQCGERLPPAAPADSENNNSTMASASEGEMECGQELKEEGGCLFPGSDSW
QENPEEPCSKASWTVQESKKKRKKKKKGNKSASSELASLPLSPASPCHLTLLSNPWPQDTALPHSQAQQ
SGPTGQPSQPPGTATTPLEGDGLSAPTEVGDSPQLQAQALGEAGVATGSEAQSSPQFQDHTEGEDQDASIP
SGGRGLSQEGTGPPTSAGEGHSRTEDAAQELLLPESKGGSSPEGTTELQTTEQQAGASASTAVDAVAEPAN
AVKGAGKEMKEKTQRMKQPPATPPFKTHCQEAETKTKDETAEEKVGKNEQGEPEDLKKPEGKNSAA
AVKNEKEQKNQEAADVQEVKASTLSPGGGVTVFFHAIISLHFFPNPDLHKVFIGGEEFGESKWDNSICEL
HYTRDLGHDRVLVEGIVCISKKHLDKYIPYKYVIYNGESFEYEFYKHKQKKGEYVNRCLFIKSSLLGSG
DWHQYYDIIYVMKPHGRLQKVMNHI TDGPRKDLVKGKQIAAALMLDSTFSLILQTDWDTINLNSFFTQFEQFC
FVLQQPMIYEGQAQLWTDLQYREKEVKRYLWQHLKHHVPLPDGKSTDFLPVDCPVRSKLKTGLIIVLFVV
EKIELLLEGLDWLCHLLTSDASSPDEFHRDLSHILGIPQSWRLYL VNLQRCMDTRTYTWL GALPVLHC
CMELAPRHKDAWRQPEDTWAALGLSFSPPFREQLDTSLLQFMREKQHLLSIDEPLFRSWFSLPLSHL
VMYMFNIEHLGRFAHILDCLSGIYYRPLGLEQVLTQDVQDVQNVQNIEMLLRLLDTRDKIPEEAL
SPSYLTVCLKLHEAICSSSTKLLKFYELPALSAEIVCRMIRLLSLVDSAGQRDETGNNSVQTVFQGTAAAT
KRWLREVF TKNMLTSSGASFTYVKEIEVWRRLVEIQFPAEHGWKESLLGDMEWRLTKEEPLSQITAYCNS
CWDTKGLEDSVAKTFEKCIIEAVSSACQVNNLSSWETDSGSQQLCSAMTQLRAMKHPLGLSSANSSEIGKW
APSSSLAKGNAGAEI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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



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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_066005
RefSeq Size:	5337
RefSeq ORF:	3189
Synonyms:	ALO17; C17orf27; KIAA1618; MYMY2; MYSTR; NET57
Locus ID:	57674
UniProt ID:	Q63HN8 , Q9HCF4
Cytogenetics:	17q25.3
Summary:	<p>This gene encodes a protein containing a C3HC4-type RING finger domain, which is a specialized type of Zn-finger that binds two atoms of zinc and is thought to be involved in mediating protein-protein interactions. The protein also contains an AAA domain, which is associated with ATPase activity. This gene is a susceptibility gene for Moyamoya disease, a vascular disorder of intracranial arteries. This gene is also a translocation partner in anaplastic large cell lymphoma and inflammatory myofibroblastic tumor cases, where a t(2;17)(p23;q25) translocation has been identified with the anaplastic lymphoma kinase (ALK) gene on chromosome 2, and a t(8;17)(q24;q25) translocation has been identified with the MYC gene on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]</p>
Protein Families:	Druggable Genome, Transcription Factors