

Product datasheet for PH309105

CC2D1A (NM_017721) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CC2D1A MS Standard C13 and N15-labeled recombinant protein (NP_060191)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209105
Predicted MW:	104.1 kDa
Protein Sequence:	>RC209105 protein sequence Red =Cloning site Green =Tags(s)

MHKRKGPPGPPGRGAAAARQLGLLVDLSPDGLMIPEDGANDEELEAEFLALVGGQPPALEKLKGKGLPLM
 EAIEKMASLCMRDPDEDEEEGTDEDDLEADDDLLAELNEVLGEEQKASETPPPVAQPKPEAPHPGLETTL
 QERLALYQTAIESARQAGDSAKMRRYDRGLKTLENLLASIRKGNADIEADIPPPVAIGKGPASTPTYSPA
 PTQPAPRIASAEPRVTLEGPSATAPASSPGLAKPQMPPGPCSPGPLAQLQSRQDYKLAALHAKQQGDT
 TAAARHFRVAKSFDVLEALSRGEPVDLSCLPPPPDQLPPDPPSPSPQPTPATAPSTTEVPPPPRTLLE
 ALEQRMERYQVAAAQAKSKGDQKARMHERIVKQYQDAIRAHKAGRAVDVAELVPPGFPPIQGLEATKP
 TQQLSLVGYLETAMKLANQDEGPEDEEDEVPKKQNSPVAPTAQPKAPPSRTQSGSAPTAKAPPKATSTRA
 QQQLAFLEGRKKQLLQAALRAKQKNDVEGAKMHLRQAKGLEPMLEASRNLGPVDITKVPAPVKNDDFAL
 VQRPGLSQEAARRYGELTKLIRQQHEMCLNHSNQFTQLGNITETTKFEKLAEDCKRSMDILKQAFVRG
 LPTPTARFEQRTFSVIKIFPDLSSNDMLLFIVKGINLPTPPGLSPGDLDFVFRDFPYPNVEEAQKDKTS
 VIKNTDSPEFKEQFKLCINRSHRGFRRAIQTKGIKFEVVHKGGLFKTDRVLGTAQLKDALEIACEVREI
 LEVLDGRPTGGRLEVVMVRIREPLTAQQLETTTERWLVIDPVPAAVPTQVAGPKGKAPPVPAPARESNGR
 SARPLHLSVLAFDQERLERKILALRQARRVPPEVAQQYQDIMQRSQWQRAQLEQGGVGIRREYAAQLE
 RQLQFYTEAARRLGNDGSRDAAKEALYRRNLVESELQRLRR

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: NP_060191

RefSeq Size: 3644

RefSeq ORF: 2853

Synonyms: Aki-1; FREUD-1; Freud-1/Aki1; Lgd2; MRT3; TAPE

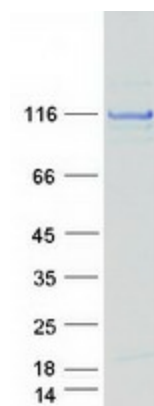
Locus ID: 54862

UniProt ID: Q6P1N0

Cytogenetics: 19p13.12

Summary: This gene encodes a transcriptional repressor that binds to a conserved 14-bp 5'-repressor element and regulates expression of the 5-hydroxytryptamine (serotonin) receptor 1A gene in neuronal cells. The DNA binding and transcriptional repressor activities of the protein are inhibited by calcium. A mutation in this gene results in a nonsyndromic form of cognitive disability (MRT3). [provided by RefSeq, Jul 2017]

Product images:



Coomassie blue staining of purified CC2D1A protein (Cat# [TP309105]). The protein was produced from HEK293T cells transfected with CC2D1A cDNA clone (Cat# [RC209105]) using MegaTran 2.0 (Cat# [TT210002]).