

Product datasheet for PH307755

Calcipressin 3 (RCAN3) (NM_013441) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RCAN3 MS Standard C13 and N15-labeled recombinant protein (NP_038469)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207755
Predicted MW:	27.5 kDa
Protein Sequence:	>RC207755 protein sequence Red=Cloning site Green=Tags(s) MLRDTMKSWNDSQSDLCSTDQEEEEEMIFGENEDDLDEMMDLSLPTSLFACSVHEAVFEAREQKERFEA LFTIYDDQVTFQLFKSFRVRINFSKPEAAARARIELHETDFNGQKLLKLYFAQVQMSGVVRDKSYLLPPQ PVKQFLISPPASPPVGWKQSEDAMPVINYDLLCAVSKLGPGEKYELHAGTESTPSVVVHVCESETEEEEE TKNPKQKIAQTRRPDPPTAALNEPQTFDCAL 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:	NP_038469
RefSeq Size:	2787
RefSeq ORF:	723
Synonyms:	DSCR1L2; hRCN3; MCIP3; RCN3
Locus ID:	11123
UniProt ID:	Q9UKA8 , A0A024RAH2

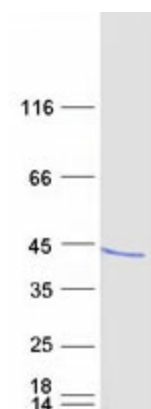


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Cytogenetics: 1p36.11

Summary: Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RCAN3 protein (Cat# [TP307755]). The protein was produced from HEK293T cells transfected with RCAN3 cDNA clone (Cat# [RC207755]) using MegaTran 2.0 (Cat# [TT210002]).