

Product datasheet for PH306951

ARMC3 (NM_173081) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARMC3 MS Standard C13 and N15-labeled recombinant protein (NP_775104)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206951
Predicted MW:	96.4 kDa
Protein Sequence:	>RC206951 protein sequence Red =Cloning site Green =Tags(s)

MGKKIKKEVEPPPKDVFDPMLIESKKAATVVLMLNSPEEEILAKACEAIYKFALKGEENKTTLLELGAVE
 PLTKLLTHEDKIVRRNATMIFGILASNNDVKLLRELDVMNSVIAQLAPEEEVVIHEFASLCLANMSAEY
 TSKVQIFEHGGLLEPLIRLLSSPDVDKKNSECIYNLVQDFQCRACLQELNAIPPILDLLKSEYPVIQLL
 ALKTLGVIANDKESRTMLRDNQGLDHLIKILETKELNDLHIEALAVIANCLEDMDTMVQIQQTGGLKLL
 SFAENSTIPDIQKNAAKAITKAAYDPENRKL FHEQEVEKCLVALLGSENDGTIAASQAISAMCENSGSK
 DFFNNQGIPLIQLLKSDNEEVREAAALANL TTCNPANANAAEADGIDPLINLLSSKRDAIANAAT
 VLTNMAMQEPLRLNIQNHDIMHAIISPLRSANTVVQSKAALAVTATACDVEARTELNSGGLEPLVELLR
 SKNDEVKRHASWAVMVCAGDEL TANELCRLGALDILEEVNVSCTRKNKFSEAAYNKLLNNNL SLKYSQTG
 YLSSNIINDGFYDYGRINPGTKLLPLKELCLQEPSDLRAVLLINSKSYVSPSSMEDKSDVGYGQSISS
 SSSLRRSSKEKNKNSYHFSAGFGSPIEDKSEPASGRNTVLSK SATKEKGWRKSKGKKEEEKVKEEEVVM
 VVPKFVGE GSSDKEWCPPSDPDFSMYVYEVTKSILPITNIKEQIEDLAKYVAEKMGGKIPKEKLPDFSW
 E LHISELKFQLKSNVPIGHVKKGIFYHRALLFKALADRIGIGCSLVRGEYGRAWNEVMLQNSRKGIVIG
 LPAPEMYVIDLMFHPGGLMKLRSREADLYRFI

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_775104

RefSeq Size: 3765

RefSeq ORF: 2616

Synonyms: CT81; KU-CT-1

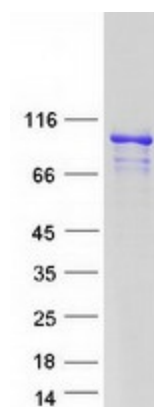
Locus ID: 219681

UniProt ID: Q5W041

Cytogenetics: 10p12.2

Summary: Armadillo/beta-catenin (CTNNB1; MIM 116806)-like (ARM) domains are imperfect 45-amino acid repeats involved in protein-protein interactions. ARM domain-containing proteins, such as ARMC3, function in signal transduction, development, cell adhesion and mobility, and tumor initiation and metastasis (Li et al., 2006 [PubMed 16915934]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified ARMC3 protein (Cat# [TP306951]). The protein was produced from HEK293T cells transfected with ARMC3 cDNA clone (Cat# [RC206951]) using MegaTran 2.0 (Cat# [TT210002]).