

Product datasheet for PH304641

Cornulin (CRNN) (NM_016190) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CRNN MS Standard C13 and N15-labeled recombinant protein (NP_057274)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204641
Predicted MW:	53.5 kDa
Protein Sequence:	>RC204641 protein sequence Red=Cloning site Green=Tags(s)

MPQLLQNINGIIEAFRRYARTEGNCALTRGELKRLLEQEFADVIVKPHDPATVDEVLRLLDEDHTGTVE
FKEFLVLFKVAQACFKLSESAEGACGSQESGSLHSGASQELGEGQSRSGTEVGRAGKGQHYEGSSHRQS
QQGSRGQNRPGVQTQQGATGSAWVSSYDRQAESQSQERISQIQLSGQTEQTQKAGEGKRNQTTEMRPER
QPQTREQDRAHQTGETVTGSGTQTQAGATQTVEQDSSHQTGRTSKQTQEAATNDQNRGTETHGQGRSQT
AVTGGHAQIQAGTHTQTPTQTVEQDSSHQTGSTSTQTQESTNGQNRGTEIHGQGRSQTSAVTGGHTQIQ
AGSHTETVEQDRSQTVSHGGAREQGQTQTQPGSGQRWMQVSNPEAGETVPGGQAQTGASTEPGRQEWSS
HPRRCVTEGGDRQPTVVGEEWDDHSRETIVILRLDQGNLHTSVSSAQGDAAQSEKRGITARELYSYL
RSTKP

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<u>NP_057274</u>
RefSeq Size:	1913
RefSeq ORF:	1485



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Synonyms: C1orf10; DRC1; PDRC1; SEP53

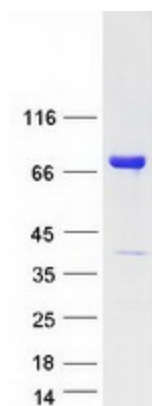
Locus ID: 49860

UniProt ID: [Q9UBG3](#)

Cytogenetics: 1q21.3

Summary: This gene encodes a member of the "fused gene" family of proteins, which contain N-terminus EF-hand domains and multiple tandem peptide repeats. The encoded protein contains two EF-hand Ca²⁺ binding domains in its N-terminus and two glutamine- and threonine-rich 60 amino acid repeats in its C-terminus. This gene, also known as squamous epithelial heat shock protein 53, may play a role in the mucosal/epithelial immune response and epidermal differentiation. [provided by RefSeq, Jan 2009]

Product images:



Coomassie blue staining of purified CRNN protein (Cat# [TP304641]). The protein was produced from HEK293T cells transfected with CRNN cDNA clone (Cat# [RC204641]) using MegaTran 2.0 (Cat# [TT210002]).