

Product datasheet for **TP304641**

Cornulin (CRNN) (NM_016190) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human cornulin (CRNN), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC204641 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MPQLLQNINGIIEAFRRYARTEGNCTALTRGELKRLLEQEFADVIVKPHDPATVDEVLRLLDEDHTGTVE
FKEFLVLVFKVAQACFKTLESASEGACGSQESGLHSGASQELGEGQRSGTEVGRAGKGQHYEGSSHRQS
QQGSRGQNRPGVQTQGQATGSAWVSSYDRQAESQSQERISPQIQLSGQTEQTQKAGEGKRNQTTEMRPER
QPQRTREQDRAHQGTGETVTGSGTQTQAGATQTVEQDSSHQTGRYSKQTQEATNDQNRGTETHGQGRSQT SQ
AVTGGHAQIQAGTHTQTPTQTVEQDSSHQTGSTSTQTQESTNGQNRGTEIHGQGRSQT SQAVTGGHTQIQ
AGSHTTETVEQDRSQT VSHGGAREQGQTQTQPGSGQRWMQVSNPEAGETVPGGQAQTGASTEPGRQEWSST
HPRRCVTEGGDRQPTVVGEEWDDHSRET VILRLDQGNLHTSVSSAQQGDAAQSEEKRGITARELYSYL
RSTKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 53.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



[View online >](#)

RefSeq: [NP_057274](#)

Locus ID: 49860

UniProt ID: [Q9UBG3](#)

RefSeq Size: 1913

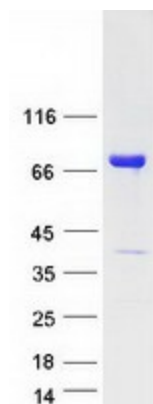
Cytogenetics: 1q21.3

RefSeq ORF: 1485

Synonyms: C1orf10; DRC1; PDRC1; SEP53

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]).