

## Product datasheet for **TP301774L**

### **CRELD1 (NM\_001031717) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human cysteine-rich with EGF-like domains 1 (CRELD1), transcript variant 1, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC201774 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAPWPPKGLVPAVLWGLSLFLNLP GPIWLQSPPPPQSSPPPQHPCHTCRGLVDSFNKGLERTIRDNFGG  
GNTAWEEENLSKYK DSETRLVEVLEGVCSKSDFECHRLLLELSEELVESWWFHKQQEAPDLFQWLCSDSLK  
LCCPAGTFGPSCLPCPGGTERPCGGYGQCEGEGTRGGSGHCDCQAGYGGEACGQCGLGYFEARNASHLV  
CSACFGPCARCSGPEESNCLQCKKGWALHHLKVDIDECGTEGANCGADQFCVNTEGSYECRDCAKACLG  
CMGAGPGRCKKCSPGYQQVGSKCLDVDECETEVCPCGENKQCENTEGGYRCICAEGYKQMEGICVKEQIPG  
AFPILDTLTPETTRRWKLGSHPHSTYVKMKMRDEATFPGLYGKQVAKLGSQSRQSDRGTRLIHSQQASS  
QR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 42.7 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.



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RefSeq: [NP\\_001026887](#)

Locus ID: 78987

UniProt ID: [Q96HD1](#)

RefSeq Size: 2406

Cytogenetics: 3p25.3

RefSeq ORF: 1266

Synonyms: AVSD2; CIRRIIN

**Summary:** This gene encodes a member of a subfamily of epidermal growth factor-related proteins. The encoded protein is characterized by a cysteine-rich with epidermal growth factor-like domain. This protein may function as a cell adhesion molecule. Mutations in this gene are the cause of atrioventricular septal defect. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Apr 2010]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified CRELD1 protein (Cat# [TP301774]). The protein was produced from HEK293T cells transfected with CRELD1 cDNA clone (Cat# [RC201774]) using MegaTran 2.0 (Cat# [TT210002]).