

## 32-7727: Recombinant Human Cysteine-Rich with EGF-Like Domain Protein 2/CRELD2 (C-6His)(Discontinued)

**Gene :** CRELD2  
**Gene ID :** 79174  
**Uniprot ID :** Q6UXH1

### Description

Source: Human Cells.

MW :33.4kD.

Recombinant Human CRELD2 is produced by our Mammalian expression system and the target gene encoding Ala25-Leu321 is expressed with a 6His tag at the C-terminus. Cysteine-Rich with EGF-Like Domain Protein 2 (CRELD2) is a secreted protein that is a member of the CRELD family. Human CRELD2 is synthesized as a 353 amino acid precursor protein with a signal peptide, a highly conserved domain rich in glutamic acid and tryptophan (WE) and EGF-like repeats. CRELD2 is ubiquitously expressed in many tissues. CRELD2 may interact with CHRNA4 and regulate transport of  $\alpha$ 4- $\beta$ 2 neuronal acetylcholine receptor. In addition, CRELD2 could be a novel mediator in regulating the onset and progression of various ER stress-associated diseases.

### Product Info

**Amount :** 10  $\mu$ g / 50  $\mu$ g

**Content :** Lyophilized from a 0.2  $\mu$ m filtered solution of PBS,5%Trehalose, pH 7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** AKKPTPCHRCRGLVDKFNQGMVDTAKKNFGGGNTAWEKTLISKYESSSEIRLLEILEGLCESSDFECNQMLEAQ  
EEHLEAWWLQLKSEYPDLFEWFCVKTLLKVVCCSPGTYPDCLACQGGSSQRPCSGNGHCSGDGSRQGDGSCR  
CHMGYQGPLCTDCMDGYFSSLRNETHSICTACDESKTCSGLTNRDCGECEVGVWLDEGACVDVDECAAEP  
PPCSAAQFCKNANGSYTCEDVDECSLAEKT CVRKNENCYNTPGSYVCVCPDGFEEEDACVPPAAEAATEGES  
PTQLPSREDLVDHHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.