

## Datasheet for ABIN7318383 **CRELD2 Protein (His tag)**



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### Overview

Quantity:	50 µg
Target:	CRELD2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRELD2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human CRELD2 Protein (His Tag)
Sequence:	Ala25-Leu321
Characteristics:	Recombinant Human Cysteine-Rich with EGF-Like Domain Protein 2 is produced by our Mammalian expression system and the target gene encoding Ala25-Leu321 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CRELD2
Alternative Name:	CRELD2 ( <a href="#">CRELD2 Products</a> )
Background:	Background: 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

## Target Details

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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.

Synonym: Cysteine-Rich With EGF-Like Domain Protein 2, CRELD2

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Molecular Weight: 33.4 kDa

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Reconstitution: Please refer to the printed manual for detailed information.

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

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.