

Product datasheet for **TP726959**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Cysteine-Rich with EGF-Like Domain Protein 2/CRELD2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala25-Leu321
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, 5%Trehalose, pH 7.4.
Note:	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.
Storage:	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.
Stability:	12 months from date of despatch
Synonyms:	Cysteine-Rich With EGF-Like Domain Protein 2; CRELD2
Summary:	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 $\hat{1}\pm 4\text{-}\hat{1}^2$ neuronal acetylcholine receptor. In addition, CRELD2 could be a novel mediator in regulating the onset and progression of various ER stress-associated diseases.



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