

## CRELD1 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P76286
Synonyms:	Protein disulfide isomerase CRELD1; Cysteine-rich with EGF-like domain protein 1; CIRRIIN
Species:	Mouse
Source:	HEK293
Accession:	Q91XD7 (M1-E362)
Gene ID:	171508
Molecular Weight:	Approximately 63 kDa.

### PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	CRELD1 Protein, identified as a member of the protein disulfide isomerase family, plays a significant role in cellular processes. This protein, akin to other members of the family, is involved in disulfide bond rearrangement. Notably, CRELD1 has been found to facilitate the localization of acetylcholine receptors (AChRs) to the plasma membrane. This function underscores the importance of CRELD1 in the organization and positioning of key cellular components, particularly the acetylcholine receptors, highlighting its potential impact on cellular communication and signaling processes.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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