CRELD2 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P76288
Synonyms:	Cysteine-Rich With EGF-Like Domain Protein 2; CRELD2
Species:	Mouse
Source:	HEK293
Accession:	Q9CYA0 (M1-L350)
Gene ID:	76737
Molecular Weight:	Approximately 62.8 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 μm 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/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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	CRELD2 protein, likely functioning as a protein disulfide isomerase, may contribute to the intricate processes associated with the unfolded protein response. Additionally, there is a potential role for CRELD2 in the regulation of the transport of the alpha4-beta2 neuronal acetylcholine receptor. These functions highlight the versatility of CRELD2 in cellular processes related to protein folding and neuronal receptor dynamics, suggesting its involvement in maintaining cellular homeostasis.

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