

Active Recombinant Mouse Creld2 protein, His-tagged

Cat. No. Creld2-492M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Creld2 protein(NP_083996.1)(Met1-Leu350), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Leu350
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of ATDC5 mouse chondrogenic cells. When 5×10^4 cells/well are added to mCRELD2-coated plates (0.625 µg/mL, 100 µL/well), approximately 20% cells will adhere after 60 minutes at 37°C.
Molecular Mass	The recombinant mouse CRELD2 comprises 339 amino acids and has a predicted molecular mass of 37.5 kDa. The apparent molecular mass of the protein is approximately 51.3 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Creld2 cysteine-rich with EGF-like domains 2 [Mus musculus]
Official Symbol	Creld2
Synonyms	CRELD2; cysteine-rich with EGF-like domains 2; cysteine-rich with EGF-like domain protein 2; C85758; 5730592L21Rik;
Gene ID	76737
mRNA Refseq	NM_029720
Protein Refseq	NP_083996

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