

Active Recombinant Mouse Creld2 Protein, Fc-tagged

Cat. No. Creld2-986M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Creld2 (NP_083996.1) (Met1-Leu350) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-350 a.a.
Predicted N Terminal	Ser 23
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Measured by its ability to induce adhesion of ATDC5 mouse chondrogenic cells. When cells are added to mCRELD2-Fc/His coated plates (0.625µg/mL, 100µL/well), approximately >30% will adhere specifically after 60 minutes at 37°C.
Molecular Mass	The recombinant mouse Creld2 consists 566 amino acids and predicts a molecular mass of 62.8 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage	Store it under sterile conditions at -20°C~-70°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 0.25 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
MIM	
UniProt ID	
Function	calcium ion binding;