Datasheet for ABIN7320036

CRELD1 Protein (His tag)

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Overview

Quantity:	100 µg
Target:	CRELD1
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRELD1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse CRELD1 Protein (His Tag)
Sequence:	Met1-Glu362
Characteristics:	A DNA sequence encoding the mouse CRELD1 (NP_598691.1) (Met1-Glu362) was expressed with a C-terminal polyhistidine tag.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	CRELD1
Alternative Name:	CRELD1 (CRELD1 Products)
Background:	Background: CRELD1 is a transmembrane glycoprotein. Epidermal growth factor(EGF)like domain exists in CRELD1. EGF-like repeats are a class of cysteine-rich domains that mediate interactions between proteins of diverse function. EGF domains are found in proteins that are

Target Details

	either completely secreted or have transmembrane regions that tether the protein to the cell surface. CRELD1 contains a 333 amino acid acid (aa) extracellular domain (ECD), two tandem transmembrane segments, and a second ECD of 15 aa. Defects in CRELD1 may cause susceptibility to atrioventricular septal defect type 2 which results in a persistent common atrioventricular canal. Synonym: AI843811
Molecular Weight:	37.7 kDa
NCBI Accession:	NP_598691

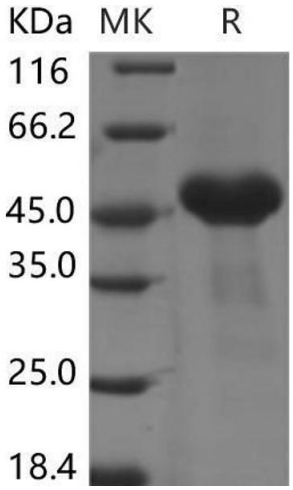
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.