

## Recombinant Human CRELD1 Protein, GST-tagged

**Cat. No.** CRELD1-1860H    **Lot. No.** (See product label)

### SPECIFICATION

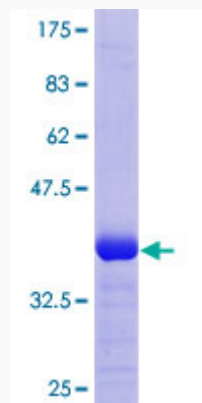
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CRELD1 partial ORF ( NP_056328.2, 245 a.a. - 344 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | This gene encodes a member of a subfamily of epidermal growth factor-related proteins. The encoded protein is characterized by a cysteine-rich with epidermal growth factor-like domain. This protein may function as a cell adhesion molecule. Mutations in this gene are the cause of atrioventricular septal defect. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Apr 2010] |
| <b>Molecular Mass</b>   | 36.74 kDa                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | DIDECGTEGANCGADQFCVNTEGSYECRDCAKACLGCMGAGPGRCKKCSPGYQQ<br>VGSKCLDVDECETEVCPGENKQCENTEGGYRCICAEGYKQMEGICV                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                 |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                            |

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                         |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                         |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>        | CRELD1 cysteine rich with EGF like domains 1 [ Homo sapiens (human) ]                                                                                                                                                                                                                                            |
| <b>Official Symbol</b>  | CRELD1                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>         | CRELD1; cysteine rich with EGF like domains 1; Cysteine Rich With EGF Like Domains 1; CIRRIIN; Cysteine-Rich With EGF-Like Domain Protein 1; Cysteine-Rich With EGF-Like Domains 1; Cysteine Rich With EGF-Like Domains 1; Atrioventricular Septal Defect 2; AVSD2; cysteine-rich with EGF-like domain protein 1 |
| <b>Gene ID</b>          | 78987                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>      | NM_001031717                                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>   | NP_001026887                                                                                                                                                                                                                                                                                                     |
| <b>MIM</b>              | 607170                                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>       | Q96HD1                                                                                                                                                                                                                                                                                                           |

**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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