

## Recombinant Human CRNN, His-tagged

**Cat. No.** CRNN-27963TH    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length protein, corresponding to amino acids 1-495 of Human Cornulin with His tag , 55.7kDa.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 1-495 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | This gene encodes a member of the "fused gene" family of proteins, which contain N-terminus EF-hand domains and multiple tandem peptide repeats. The encoded protein contains two EF-hand Ca <sup>2+</sup> binding domains in its N-terminus and two glutamine- and threonine-rich 60 amino acid repeats in its C-terminus. This gene, also known as squamous epithelial heat shock protein 53, may play a role in the mucosal/epithelial immune response and epidermal differentiation. |
| <b>Conjugation</b>      | HIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage buffer</b>   | Preservative: NoneConstituents: 10% Glycerol, 20mM Tris HCl, pH 8.0                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>          | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                  |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

| Full Length                | Full L.                                                             |
|----------------------------|---------------------------------------------------------------------|
| <b>GENE INFORMATION</b>    |                                                                     |
| <b>Gene Name</b>           | CRNN cornulin [ Homo sapiens ]                                      |
| <b>Official Symbol</b>     | CRNN                                                                |
| <b>Synonyms</b>            | CRNN; cornulin; C1orf10, chromosome 1 open reading frame 10; SEP53; |
| <b>Gene ID</b>             | 49860                                                               |
| <b>mRNA Refseq</b>         | NM_016190                                                           |
| <b>Protein Refseq</b>      | NP_057274                                                           |
| <b>MIM</b>                 | 611312                                                              |
| <b>Uniprot ID</b>          | Q9UBG3                                                              |
| <b>Chromosome Location</b> | 1q21                                                                |
| <b>Function</b>            | calcium ion binding;                                                |

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