

## Recombinant Human CRNN Protein, GST-tagged

**Cat. No.** CRNN-1897H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CRNN full-length ORF ( AAH30807, 1 a.a. - 495 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 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. [provided by RefSeq, Jan 2009]
<b>Molecular Mass</b>	80.19 kDa
<b>AA Sequence</b>	MPQLLQNINGIIEAFRRYARTEGNCTALTRGELKRLLLEQEFADVIVKPHDPATVDEVL RLLDEDHTGTVEFKEFLVLVFKVAQACFKTLSESAEGACGSQESGSLHSGASQELG EGQRSGTEVGRAGKGQHYEGSSHRQSQQGSRGQNRPGVQTQQQATGSAWVSS YDRQAESQSQERISPIQLSGQTEQTQKAGEGKRNQTTEMRPERQPQTREQDRAH QTGETVTGSGTQTQAGATQTVEQDSSHQTGRYSKQTQEATNDQNRGTETHGQGR SQTSAVTTGGHAQIQAGTHTQTPTQTVEQDSSHQTGSTSTQTQESTNGQNRGTEI HGQGRSQTSAVTTGGHTQIQAGSHTTETVEQDRSQTVSHGGAREQQQTQTQPGSG

 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

QRWMQVSNPEAGETVPGGQAQTGASTEPGRQEWSSTHPRRCVTEGQGDRQPTV  
 VGEEWVDDHSRETIVILRLDQGNLHTSVSSAQGDAAQSEEKRGITARELYSYLRST  
 KP

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes** Best use within three months from the date of receipt of this protein.

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [CRNN cornulin \[ Homo sapiens \]](#)

**Official Symbol** [CRNN](#)

**Synonyms** CRNN; cornulin; C1orf10, chromosome 1 open reading frame 10; SEP53; tumor-related protein; 58 kDa heat shock protein; 53 kDa putative calcium-binding protein; squamous epithelial heat shock protein 53; 53 kDa squamous epithelial-induced stress protein; DRC1; PDRC1; C1orf10;

**Gene ID** [49860](#)

**mRNA Refseq** [NM\\_016190](#)

**Protein Refseq** [NP\\_057274](#)

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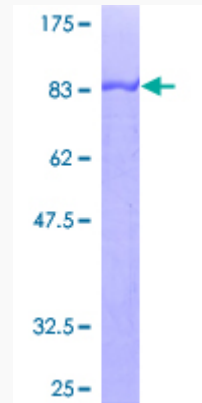
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**MIM** 611312

**UniProt ID** Q9UBG3

**Quality Control  
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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