

Recombinant Full Length Human CRNN Protein, GST-tagged

Cat. No. CRNN-2088HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CRNN full-length ORF (AAH30807, 1 a.a. - 495 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	495 amino acids
Description	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 ²⁺ 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]
Molecular Mass	80.19 kDa
AA Sequence	MPQLLQNINGIIEAFRRYARTEGNCTALTRGELKRLLEQEFADVIVKPHDPATVDEVL RLLDEDHTGTVEFKEFLVLVFKVAQACFKTLSESAEGACGSQESGSLHSGASQELG EGQRSGTEVGRAGKGQHYEGSSHRQSQQGSRGQNRPGVQTQGGQATGSAWVSS YDRQAESQSQERISPQIQLSGQTEQTQKAGEGKRNQTTEMRPERQPQTREQDRAH QTGETVTGSGTQTQAGATQTVEQDSSHQTGRYSKQTQEATNDQNRGTETHGQGR SQTSQAVTGGHAQIQAGTHTQTPTQTVEQDSSHQTGSTSTQTQESTNGQNRGTEI

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HGQGRSQT SQAVTGGHTQIQAGSHTETVEQDRSQT VSHGGAREQQQTQTQPGSG
 QRWMQVSNPEAGETV PGGQAQTGASTEPGRQEWSSTHPRRCVTEGQGDRQPTV
 VGEEWVDDHSRET VILRLDQGNLHTSVSSAQGDAAQSEEKRGITARELYSYLRST
 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

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Protein Refseq NP_057274

MIM 611312

UniProt ID Q9UBG3

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