Recombinant Human CRNN Protein, GST-tagged

Cat. No. CRNN-1897H **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	Wheat Germ
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 Ca2+ 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 EGQRSGTEVGRAGKGQHYEGSSHRQSQQGSRGQNRPGVQTQGQATGSAWVSS YDRQAESQSQERISPQIQLSGQTEQTQKAGEGKRNQTTEMRPERQPQTREQDRAH QTGETVTGSGTQTQAGATQTVEQDSSHQTGRTSKQTQEATNDQNRGTETHGQGR SQTSQAVTGGHAQIQAGTHTQTPTQTVEQDSSHQTGSTSTQTQESTNGQNRGTEI HGQGRSQTSQAVTGGHTQIQAGSHTETVEQDRSQTVSHGGAREQGQTQTQPGSG

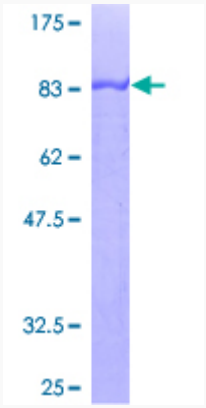
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	QRWMQVSNPEAGETVPGGQAQTGASTEPGRQEWSSTHPRRCVTEGQGDRQPTV VGEEWVDDHSRETVILRLDQGNLHTSVSSAQGQDAAQSEEKRGITARELYSYLRST KP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use 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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MIM	611312
UniProt ID	Q9UBG3
Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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