

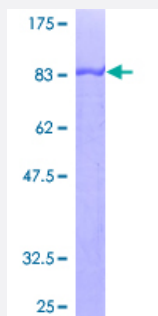
Full-Length

CRNN (Human) Recombinant Protein (P01)

Catalog # H00049860-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CRNN full-length ORF (AAH30807, 1 a.a. - 495 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPQLLNQINGIIEAFRRYARTEGNCTALTRGELKRLLLEQEFADVIVKPHDPATVDEVLRLLDEDHTG
TVEFKEFLVLVFKVAQACFKLSESAEGACGSQESGLHSGASQELGEGQRSGTEVGRAGKGQ
HYEGSSHRQSQQGSRGQNRPGVQTQGGATGSAWVSSYDRQAESQSQERISPIQLSGQTEQTQ
KAGEGKRNQTTEMRPERQPQTREQDRAHQTGETVTGSGTQTQAGATQTVEQDSSHQTGRTSKQ
TQEATNDQNRGTETHGQGRSQTSAVTTGGHAQIQAGHTQTPTQTVEQDSSHQTGSTSTQTQES
TNGQNRGTEIHGQGRSQTSAVTTGGHTQIQAGSHTETVEQDRSQTVSHGGAREQGQTQTQPGS
GQRWMQVSNPEAGETVPGGQAQTGASTEPGRQEWSSTHPRRCVTEGQGDQRQPTVVGEEWVD
DHSRETVILRLDQGNLHTSVSSAQQGDAAQSEEKRGITARELYSYLRSTKP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.19

Interspecies Antigen Sequence

Mouse (51)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — CRNN

Entrez GeneID	49860
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GeneBank Accession#	BC030807
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Protein Accession#	AAH30807
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Gene Name	CRNN
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Gene Alias	C1orf10, DRC1, PDRC1, SEP53
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Gene Description	cornulin
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Omim ID	611312
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Gene Ontology	Hyperlink
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Gene Summary	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]
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Other Designations	53 kDa squamous epithelial-induced stress protein OTTHUMP00000014323 squamous epithelial heat shock protein 53 tumor-related protein
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Disease

- [Carcinoma](#)
- [Esophageal Neoplasms](#)