

CRNN, 1-495aa, Human, His tag, E.coli

Cat.NO.: TP01718

3th Edition

Synonyms:Cornulin, DRC1, PDRC1, SEP53

Description:CRNN is a member of the "fused gene" family of proteins, which contain N-terminus EF-hand domains and multiple tandem peptide repeats. It 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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

Molecular Weight:55.7 kDa (515aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMPQLLQNINGIIEAFRRYARTEGNCTALTRGELKRLLEQEFADVIVKPHDPATVDE
VLRLLDEDHTGTVEFKEFLVLFKVAQACFKLSESAEGACGSQESGSLHSGASQELGEGQRSQTEVGRAGKGQH
YEGSSHRQSQQGSRGQNRPGVQTQGQATGSAAVSSYDRQAESQSQERISPIQLSGQTEQTQKAGEGKRNQT
TEMRPERQPQTREQDRAHQGTGETVTGSGTQTQAGATQTVQDSSHQTGRTSKQTQATNDQNRGTETHGQGR
SQTSQAVTGGHAQIQAGTHTQTPTQTVEQDSSHQTGSTSTQTQESTNGQNRGTEIHGQGRSQTSQAVTGGHTQI
QAGSHTETVEQDRSQTVSHGGAREQGQTQTQPGSGQRWMQVSNPEAGETVPGGQAQTGASTEPGRQEWSSST
HPRRCVTEGQGDQRQPTVVGEEWDDHSRETVILRLDQGNLHTSVSSAQGDAAQSEEKRGITARELYSYLRSTKP

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.