



# Recombinant Rat Chondroadherin (Chad)

<b>Product Code</b>	CSB-YP005310RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O70210
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	ACPQNCHCHG DLQHVICDKV GLQKIPKVSE TTKLLNLQRN NFPVLAANSF RTVPNLVSLH LQHCNIREVA AGAFRGLKQL IYLYLSHNDI RVL RAGAFDD LTELTYLYLD HNKVSELPRG LLSPLVNLFI LQLNKKIRE LRAGAFQGAK DLRWLYLSEN ALTSLHPGSL DDVENLAKFH LDRNQLSSYP SAALSKLRVV EELKLSHNPL KSIPDNAFQS FGRYLETWL DNTNLEKFS DAAFAGVTTLK HVHLENNRLN QLPSTFPFDN LETLTLTNNP WKCTCQLRGL RRWLEAKTSR PDATCSSPAK FKGQRIRDTD ALRSCKSPTK RSKKAGRH
<b>Source</b>	Yeast
<b>Target Names</b>	Chad
<b>Protein Names</b>	Recommended name: Chondroadherin Alternative name(s): Cartilage leucine-rich protein
<b>Expression Region</b>	21-358
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	Chondroadherin is a cartilage matrix protein thought to mediate adhesion of isolated chondrocytes. The protein contains 11 leucine-rich repeats flanked by cysteine-rich regions. The chondroadherin messenger RNA is present in chondrocytes at all ages.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.