



Recombinant Human Cartilage-associated protein (CRTAP)

Product Code	CSB-EP005999HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75718
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QYER YSFRSFP RDE LMPLESAYRH ALDKYSGEHW AESVGYLEIS LRLHRLLRDS EAFCHRNC SA APQPEPAAGL ASYPELRLFG GLLRRAHCLK RCKQGLPAFR QSQPSREVL A DFQRREPYKF LQFAYFKANN LPKAIAAAHT FLLKHPDDEM MKRNMAYYKS LPGAEDIK D LETKSYESLF IRAVRAYNGE NWRTSITDME LALPDDFFKAF YECLAACEGS REIKDFKDFY LSIADHYVEV LECKIQCEEN LTPVIGGYPV EK FVATMYHY LQFAYYKLND LKNAAPCAVS YLLFDQNDKV MQQNLVYYQY HRDTWGLSDE HFQPRPEAVQ FFNVTTLQKE LYDFAKENIM DDDEGEVVEY VDDLLELEET S
Source	E.coli
Target Names	CRTAP
Protein Names	Recommended name: Cartilage-associated protein
Expression Region	27-401
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is similar to the chicken and mouse CRTAP genes. The encoded protein is a scaffolding protein that may influence the activity of at least one member of the cytohesin/ARNO family in response to specific cellular stimuli. Defects in this gene are associated with osteogenesis imperfecta, a connective tissue disorder characterized by bone fragility and low bone mass.
Reconstitution	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.
Shelf Life	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.