

Product datasheet for AR51368PU-N

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CRTAP (His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: CRTAP (His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSQYERYSF RSFPRDELMP LESAYRHALD KYSGEHWAES VGYLEISLRL HRLLRDSEAF CHRNCSAAPQ PEPAAGLASY PELRLFGGLL RRAHCLKRCK

QGLPAFRQSQ PSREVLADFQ RREPYKFLQF AYFKANNLPK AIAAAHTFLL KHPDDEMMKR

NMAYYKSLPG AEDYIKDLET KSYESLFIRA VRAYNGENWR TSITDMELAL PDFFKAFYEC LAACEGSREI KDFKDFYLSI ADHYVEVLEC KIQCEENLTP VIGGYPVEKF VATMYHYLQF AYYKLNDLKN AAPCAVSYLL

FDQNDKVMQQ NLVYYQYHRD TWGLSDEHFQ PRPEAVQFFN VTTLQKELYD FAKENIMDDD

EGEVVEYVDD LLELEETS

Tag: His-tag
Predicted MW: 46.4 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: This purified protein is available in a denatured form, making it less

suitable for functional studies. Denatured proteins are better suited for applications like

Western Blot (WB) or imaging assays.

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Preparation: Liquid purified protein

Protein Description: Recombinant human CRTAP protein, fused to His-tag at N-terminus, was expressed in E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 006362

Locus ID: 10491

UniProt ID: 075718



Cytogenetics: 3p22.3

Synonyms: CASP, Cartilage-associated protein

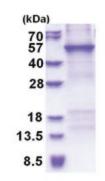
Summary: The protein encoded by this gene is similar to the chicken and mouse CRTAP genes. The

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. [provided by RefSeq, Jul 2008]

Protein Families: Secreted Protein, Transmembrane

Product images:



15% SDS-PAGE (3ug)