

Recombinant Human CRTAP, His-tagged

Cat. No. CRTAP-11592H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRTAP protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	50-401a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CRTAP cartilage associated protein [Homo sapiens]
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Official Symbol	CRTAP
Synonyms	CRTAP; cartilage associated protein; cartilage-associated protein; CASP; leprecan like 3; LEPREL3; leprecan-like 3; OI7;
Gene ID	10491
mRNA Refseq	NM_006371
Protein Refseq	NP_006362
MIM	605497
UniProt ID	O75718
Chromosome Location	3p22
Function	binding;

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