

# Recombinant Full Length Human CRTAP Protein, GST-tagged

Cat. No. CRTAP-2121HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CRTAP full-length ORF (BAG53502.1, 1 a.a. - 262 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	262 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	56.2 kDa
<b>AA Sequence</b>	MEPGRRGAAALLALLCVACALRAGRAQYERYSFRRSFPDELMPLESAYRHALDKYS GEHWAESVGYLEISLRLHRLLRDSEAFCHRNCSPAAPQPEPAAGLASYPELRLFGGLL RRAHCLKRCKQGLPAFRQSQPSREVLADFQRREPYKFLQFAYFKANNLPKAIAAAH TFLLKHPDDEMMKRNMAYYKSLPGAEDYLKTWKPSHMKACSSSEQCGHTTVRTGEH PSQTWSWPFPTSSKPFTSVSQPARVPGRSRTSRISTFP
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CRTAP cartilage associated protein [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">CRTAP</a>
<b>Synonyms</b>	CRTAP; cartilage associated protein; cartilage-associated protein; CASP; leprecan like 3; LEPREL3; leprecan-like 3; OI7
<b>Gene ID</b>	<a href="#">10491</a>
<b>mRNA Refseq</b>	<a href="#">NM_006371</a>
<b>Protein Refseq</b>	<a href="#">NP_006362</a>
<b>MIM</b>	<a href="#">605497</a>
<b>UniProt ID</b>	<a href="#">O75718</a>

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