

Recombinant Human CRTAP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CRTAP-6435H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CRTAP MS Standard C13 and N15-labeled recombinant protein (NP_006362) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	46.5 kDa
AA Sequence	MEPGRRGAAALLALLCVACALRAGRAQYERYSFERSFPRDELMPLESAYRHALDKYS GEHWAESVGYLEISLRLHRLLRDSEAFCHRNCSAAPQPEPAAGLASYPELRLFGGLL RRAHCLKRCKQGLPAFRQSQPSRDVLADFQRREPYKFLQFAYFKANNLPKAI AAAH TFLLKHPDDEM MKRN MAYYKSLPGAEDYIKDLET KSYESLFIRAVRAYNGENWRTSI TDMELALPDFFKAFYECLAACEGSREIKDFKDFYLSIADHYVEVLECKIQCEENLTPVI GGYPVEKFVATMYHYLQFAYYKLN DLKNAAPCAVS YLLFDQNDKVMQQNLVYYQY HRDTWGLSDEHFQPRPEAVQFFNVTT LQKELYDFAKENIMDDDEGEVVEYVDDLLE LEETSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

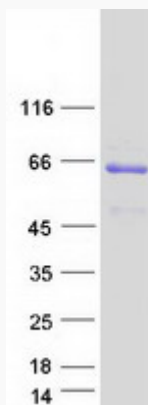
GENE INFORMATION

Gene Name	CRTAP cartilage associated protein [Homo sapiens (human)]
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

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SDS-PAGE

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