

Recombinant Human CRTAC1 Protein, MYC/DDK-tagged

Cat. No. CRTAC1-3320H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRTAC1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a glycosylated extracellular matrix protein that is found in the interterritorial matrix of articular deep zone cartilage. This protein is used as a marker to distinguish chondrocytes from osteoblasts and mesenchymal stem cells in culture. The presence of FG-GAP motifs and an RGD integrin-binding motif suggests that this protein may be involved in cell-cell or cell-matrix interactions. Copy number alterations in this gene have been observed in neurofibromatosis type 1-associated glomus tumors. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	71.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CRTAC1 cartilage acidic protein 1 [Homo sapiens]
Official Symbol	CRTAC1
Synonyms	ASPIC; ASPIC1; CEP-68
Gene ID	55118
mRNA Refseq	NM_001206528
Protein Refseq	NP_001193457
MIM	606276
UniProt ID	Q9NQ79

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