

Recombinant Human UCMA protein

Cat. No. UCMA-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UCMA(Ser65-Thr138) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	65-138 a.a.
Description	C10orf49 is a secreted protein which encoded by the UCMA gene. It is a member of the UCMA family. C10orf49 is predominantly expressed in resting chondrocytes. It may be involved in the negative control of osteogenic differentiation of osteochondrogenic precursor cells in peripheral zones of fetal cartilage and at the cartilage-bone interface.
Form	Supplied as a 0.2 µm filtered solution of 20mM PB150mM NaCl,pH7.4.
AA Sequence	GHMSPKSRDEVNVENRQKLRVDELRRYYEEQRNEFENFVEEQNDEQEERSREAV EQWRQWHYDG LHPSYLYNRHHT
Endotoxin	Less than 0.1 ng/g (1 IEU/g) as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Store at < -20 centigrade, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

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GENE INFORMATION

Gene Name	UCMA upper zone of growth plate and cartilage matrix associated [Homo sapiens]
Official Symbol	UCMA
Synonyms	UCMA; upper zone of growth plate and cartilage matrix associated; C10orf49, chromosome 10 open reading frame 49; unique cartilage matrix-associated protein; Gla-rich protein; GRP; C10orf49;
Gene ID	221044
mRNA Refseq	NM_145314
Protein Refseq	NP_660357
UniProt ID	Q8WVF2
Chromosome Location	10p13

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