

Recombinant Full Length Human UCMA Protein, GST-tagged

Cat. No. UCMA-1700HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C10orf49 full-length ORF (AAH18068.2, 1 a.a. - 138 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	138 amino acids
Description	This gene encodes a chondrocyte-specific, highly charged protein that is abundantly expressed in the upper immature zone of fetal and juvenile epiphyseal cartilage. The encoded protein undergoes proteolytic processing to generate a mature protein that is secreted into the extracellular matrix. The glutamic acid residues in the encoded protein undergo gamma carboxylation in a vitamin K-dependent manner. Undercarboxylation of the encoded protein is associated with osteoarthritis in humans. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	41.58 kDa
AA Sequence	MTWRQAVLLSCFSAVVLLSMLREGTSVSVGTMQMAGEEASEDAKQKIFMQESDAS NFLKRRGKRSPKSRDEVNVENRQKL RVDELRR EYEEQRNEFENFVEEQNDEQEE RSREAVEQWRQWHYDGLHPSYLYNRHHT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA