ctaC Active Protein

PRODUCT OVERVIEW

Product Name	CTAC, Active Protein
Full Product Name	CTAC, Human, Recombinant (Cuteaneous T-Cell Attracting Chemokine)
Product Gene Name	ctaC active protein
Sequence	FLLPPSTACC TQ LYRKPLSDKL LRKVIQVELQ EADGDCHLQA FVLHLAQRSI CIHPQNPSLS QWFEHQERKL HGTLPKLNFG MLRKMG
Host	E Coli
Form/Format	The sterile ltered solution was lyophilized without additives.
Purity/Purification	Highly Purified
Preparation and Storage	The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20 degree C. Reconstituted CTAC should be stored in working aliquots at -20 degree C.
Molecular Weight	9.8kDa
Chromosome Location	NC_002944.2 (2140948..2142030, complement)
Active Protein Note	Protein activity can be an ambiguous term. Please refer to the data sheet or inquire with Technical Support to determine the definition of activity for this product.
Biological Activity	Determined by its ability to chemoattract CXCR3 transfected cells using a concentration of 10-100ng/ml.
Country of Origin	USA
Endotoxin Level	0.1 ng/ug (1EU/ug)
Reconstitution	We recommend a quick spin followed by reconstitution in water to a concentration of 0.1-1.0mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4 degree C for 1 week or -20 degree C for future use.
Product Categories/Family for ctaC active protein	Growth Factors; Cytokines; Growth Factors-CTAC
Related Product Information for ctaC active protein	Human CTAC (Cuteaneous T-Cell Attracting Chemokine) is also known as Skinkine, Eskine and CCL27. CTAC is predominantly expressed in the skin and selectively attracts skin-associated memory T-lymphocytes. Recombinant Human CTAC is a 10.2kD protein containing 88 amino acid residues.
Other Notes	Small volumes of ctaC active protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ctaC purchase	MBS650983 is an active protein targeting ctaC. Also known as CTAC, Human, Recombinant (Cuteaneous T-Cell Attracting Chemokine). Host: E Coli.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ctaC. It may not necessarily be applicable to this product.

NCBI GI #	41408038
NCBI GeneID	2720228
NCBI Accession #	NP_960874.1
GenBank Nucleotide #	NC_002944.2

NCBI Official Full Name	CtaC
NCBI Official Symbol	ctaC
Protein Family	Cytochrome c oxidase
NCBI Protein Information	CtaC
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Online datasheet: https://www.mybiosource.com/active-protein/ctac/650983