CREM Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	CREM, Polyclonal Antibody
Full Product Name	CREM Polyclonal Antibody
Product Gene Name	anti-CREM antibody
Clonality	Polyclonal
Molecular Weight	26,269 Da
OMIM	123812
3D Structure	ModBase 3D Structure for Q03060
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-CREM antibody	MBS8522087 is an antibody targeting CREM. Also known as CREM Polyclonal Antibody.
Other Notes	Small volumes of anti-CREM antibody 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.

ADDITIONAL DETAILS

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

NCBI GI #	389616125
NCBI GeneID	1390
NCBI Accession #	NP_001254491.1
UniProt Primary Accession #	Q03060
UniProt Secondary Accession #	O75519; Q14501; A8K014; A8K3J7; A8K6A1; A8MPQ2; B4DXC1; C9J785; C9JZ10; E9PAR4; E9PHM1
UniProt Related Accession #	Q03060
GenBank Nucleotide #	NM_001267562.1
NCBI Official Full Name	cAMP-responsive element modulator isoform 23
NCBI Official Synonym Full Names	cAMP responsive element modulator
NCBI Official Symbol	CREM
NCBI Official Synonym Symbols	ICER; CREM-2; hCREM-2
UniProt Protein Name	cAMP-responsive element modulator
UniProt Synonym Protein Names	Inducible cAMP early repressor; ICER
Protein Family	cAMP-responsive element modulator
UniProt Gene Name	CREM
UniProt Synonym Gene Names	ICER
NCBI Protein Information	cAMP-responsive element modulator

NCBI Summary for CREM	This gene encodes a bZIP transcription factor that binds to the cAMP responsive element found in many viral and cellular promoters. It is an important component of cAMP-mediated signal transduction during the spermatogenetic cycle, as well as other complex processes. Alternative promoter and translation initiation site usage allows this gene to exert spatial and temporal specificity to cAMP responsiveness. Multiple alternatively spliced transcript variants encoding several different isoforms have been found for this gene, with some of them functioning as activators and some as repressors of transcription. [provided by RefSeq, Jul 2008]
UniProt Comments for CREM	Transcriptional regulator that binds the cAMP response element (CRE), a sequence present in many viral and cellular promoters. Isoforms are either transcriptional activators or repressors. Plays a role in spermatogenesis and is involved in spermatid maturation (PubMed:10373550).
Research Articles on CREM	**1.** this study shows an eventually involvement of CREM gene in the development of T1D pathology in Tunisian families. These facts are consistent with a major role for transcription factor genes involved in the immune pathways in the control of autoimmunity.
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