TARC Active Protein

PRODUCT OVERVIEW

Product Name	TARC, Active Protein
Full Product Name	TARC protein
Product Gene Name	TARC active protein
Product Synonym Names	Thymus and Activation Regulated Chemokine protein; CCL17 protein; ABCD-2 protein
Sequence	Region of TARC protein correspond ing to amino acids ARGTNVGREC CLEYFKGAIP LRKLKTWYQT SEDCSRDAIV FVTVQGRAIC SDPNNKRVKN AVKYLQSLER S.
Host	Human
Form/Format	Supplied as a lyophilized powder.
Purity/Purification	> 98% pure
Preparation and Storage	Store at 4 degree C until reconstitution. Following reconstitution aliquot and freeze at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.
Molecular Weight	8.0 kDa
3D Structure	ModBase 3D Structure for Q9WUZ6
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.
Protein Type	Recombinant
Bioactivity	Determined by its ability to chemoattract human T cells using a concentration range of 1.0-10.0 ng/ml.
Endotoxin Levels	Endotoxin level is less than 0.1 ng per ug (1 EU/ug).
Expression System	E Coli
Product Categories/Family for TARC active protein	Cytokines & Growth Factors
Applications Tested/Suitable for TARC active protein	User optimized
Related Product Information for TARC active protein	MBS539395 is an active protein targeting TARC. Also known as TARC protein. Host: Human. Purified recombinant Human TARC protein
Other Notes	Small volumes of TARC 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.

ADDITIONAL DETAILS

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

NCBI GI #	5102778
NCBI GeneID	20295
NCBI Accession #	CAB45256.1
UniProt Primary Accession #	Q9WUZ6

NCBI Official Full Name	thymus and activation-regulated chemokine
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 17
NCBI Official Symbol	Ccl17
NCBI Official Synonym Symbols	Tarc; Abcd-2; Scya17; Scya17l
UniProt Protein Name	C-C motif chemokine
Protein Family	C-C motif chemokine
UniProt Gene Name	Ccl17
UniProt Entry Name	Q9WUZ6_MOUSE
NCBI Protein Information	C-C motif chemokine 17
Research Articles on TARC	**1.** Aged mice had similar levels of IL-1beta, TNF, IFN-gamma, IL-17, and granulocyte colony-stimulating factor following S. pneumoniae infection, compared with young mice, but increased levels of the chemokines CXCL9, CXCL12, CCL3, CCL4, CCL5, CCL11, and CCL17.
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