

IL17 active protein

Recombinant Mouse IL17

CATALOG #
AAA214331

HOST
E Coli

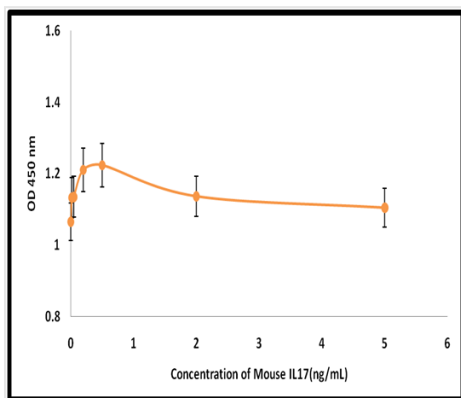
PRODUCT SYNONYMS

IL17; Recombinant Mouse IL17; Interleukin-17A; IL-17; IL-17A; Cytotoxic T-lymphocyte-associated antigen 8; CTLA-8; Ctl8; Il17; Recombinant Mouse Interleukin-17 (IL17); IL17 active protein

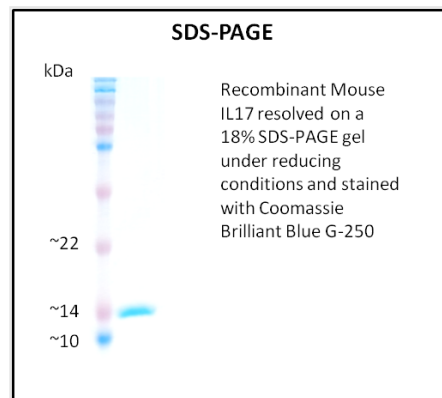
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS
Sequence Length	158
Bioactivity	The ED(50) was determined by the dose-dependent proliferation of immortalized human gingival keratinocytes (Gie-No3B11) and was found to be <0.5ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for IL17 active protein	Interleukin-17 (IL-17 or IL-17A) is the founder member of the IL-17 cytokine family, which shares 50% homology with IL-17F. IL-17 cytokines are produced by T helper (TH)17 cells, gamma delta T cells, and other immune cells. IL-17A and IL-17F form homodimers and heterodimers as functional ligands. IL-17 cytokines bind to two receptors, IL-17RA and IL-17RC. IL-17RC forms a receptor heterodimer with IL-17RA. The receptor heterodimer is preferred by IL-17 ligands, thus, either IL-17RA knockout (KO) or IL-17RC KO completely abolishes IL-17 signaling. IL-17A and IL-17F are key proinflammatory cytokines involved in many inflammatory and autoimmune diseases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754324
NCBI GeneID	16171
NCBI Accession #	NP_034682.1
NCBI GenBank Nucleotide #	NP_034682.1
UniProt Accession #	Q62386
Molecular Weight	16.0 kDa
NCBI Official Full Name	interleukin-17A
NCBI Official Synonym Full Names	interleukin 17A
NCBI Official Symbol	IL17a
NCBI Official Synonym Symbols	IL17; Ctl8; IL-17; Ctl8; IL-17A
NCBI Protein Information	interleukin-17A
UniProt Protein Name	Interleukin-17A
UniProt Gene Name	IL17a
UniProt Synonym Gene Names	Ctl8; IL17; IL-17; IL-17A; CTLA-8
UniProt Entry Name	IL17_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.