

IL-17A active protein

Recombinant mouse IL-17A protein

CATALOG # AAA48986	HOST Baculovirus	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

IL-17A; Recombinant mouse IL-17A protein; Interleukin-17A; IL17A; IL-17; IL17; Cytotoxic T-lymphocyte-associated antigen 8. CtlA-8; CtlA8; IL-17A active protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in. Phosphate-Buffered Saline (pH7.4) containing 10% glycerol
Concentration	0.5mg/ml (determined by absorbance at 280nm) (varies by lot)
Sequence Positions	26-158aa
Sequence	Ala26 A AIIPQSSACP NTEAKDFLQN VKVNLKVFNS LGAKVSSRRP SDYLNIRSTSP WTLHRNEDPD RYPSVIWEAQ CRHQRCVNAE GKLDHHMNSV LIQQEILVLK REPESCPFTF RVEKMLVGVG CTCVASIVRQ AA
Applicable Applications for IL-17A active protein	Bioactivity, SDS-PAGE
Species	Mouse
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Tag	His-Tag
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

ADDITIONAL INFORMATION

Related Product Information for IL-17A active protein	IL-17A, also known as CTLA?8, is a cytokine that belongs to the Interleukin?17 family. It produced by activated T cells and plays an important role in anti?microbial and chronic inflammation. Mouse IL?17A shares 61% amino acid sequence identity with human IL?17A. It promotes protective mucosal and epidermal inflammation in response to microbial infection and induces chemokine production, neutrophil influx, and the production of antibacterial peptides. It can stimulate the expression of IL-6 and PTGS2/COX-2, as well as enhance the production of nitric oxide(NO). High levels of IL-17 are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis, and multiple sclerosis. Also, IL?17A has been shown to exert either tumorigenic or anti?tumor effects. Recombinant mouse IL-17A, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Product Categories/Family for IL-17A active protein	Immunology , Hormones & Cytokines ; Proteins
References	Yao Z., et al. (1995) J. Immunol. 155:5483-5436. Kennedy J., et al. (1996) J. Interferon Cytokine Res. 16:611-617.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754324
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NCBI GeneID	16171
NCBI Accession #	NP_034682.1
NCBI GenBank Nucleotide #	NM_010552.3
UniProt Accession #	Q62386 ; Q60971
Molecular Weight	17,490 Da
NCBI Official Full Name	interleukin-17A
NCBI Official Synonym Full Names	interleukin 17A
NCBI Official Symbol	Il17a
NCBI Official Synonym Symbols	Il17; Ctla8; IL-17; Ctla-8; IL-17A
NCBI Protein Information	interleukin-17A; cytotoxic T-lymphocyte-associated antigen 8
UniProt Protein Name	Interleukin-17A
UniProt Gene Name	Il17a
UniProt Synonym Gene Names	Ctla8; 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.

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Online datasheet: <https://stage.aaabiotech.com/baculovirus-active-protein/il-17a/48986>