

Interleukin-17A/IL-17A Active Protein | IL-17A active protein

Recombinant Cynomolgus Interleukin-17A/IL-17A (C-6His)

CATALOG #
AAA177976

HOST
Human Cells

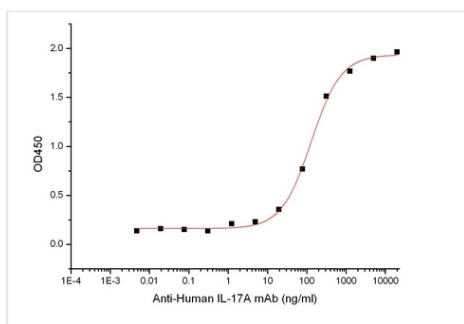
PRODUCT SYNONYMS

Interleukin-17A/IL-17A; Recombinant Cynomolgus Interleukin-17A/IL-17A (C-6His); Interleukin-17A; IL-17; IL-17A; Cytotoxic T-Lymphocyte-Associated Antigen 8; CTLA-8; IL17A; CTLA8; IL17; IL-17A active protein

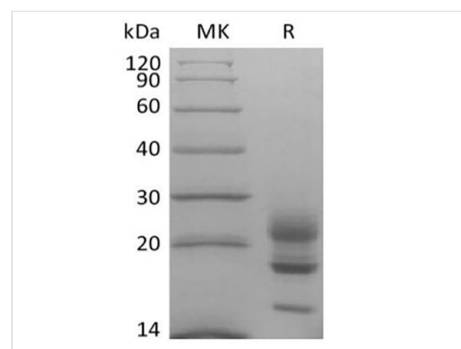
PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE
Form/Format	Lyophilized from a 0.2um filtered solution of PBS, pH7.4.
Sequence	Gly24-Ala155
Species	Cynomolgus
Tag	C-6His
Endotoxin	<1.0EU per ug as determined by the LAL method.
Protein Construction	Recombinant Cynomolgus Interleukin-17A is produced by our Mammalian expression system and the target gene encoding Gly24-Ala155 is expressed with a 6His tag at the C-terminus.
Activity	Immobilized Cynomolgus IL-17A-His at 10 ug/ml (100ul/well) can bind Anti-Human IL-17A mAb. The ED50 of Anti-Human IL-17A mAb is 128ng/ml.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



Bioactivity



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IL-17A active protein	Interleukin-17 is a potent pro-inflammatory cytokine produced by activated memory T cells. There are at least six members of the IL-17 family in humans and in mice. As IL-17 shares properties with IL-1 and TNF-alpha, it may induce joint inflammation and bone and cartilage destruction. This cytokine is found in synovial fluids of patients with rheumatoid arthritis, and produced by rheumatoid arthritis synovium. It increases IL-6 production, induces collagen degradation and decreases collagen synthesis by synovium and cartilage and proteoglycan synthesis in cartilage. IL-17 is also able to increase bone destruction and reduce its formation. Blocking of interleukin-17 with specific inhibitors provides a protective inhibition of cartilage and bone degradation.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	G7P4U9
Molecular Weight	Mol. Mass: 15.9kDa AP Mol. Mass: 15-25kDa

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://www.aaabiotech.com/human-active-protein/interleukin-17a-il-17a/177976>