

Recombinant Mouse IL17A Protein

Cat. No. IL17A-508M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL17A protein
Species	Mouse
ProteinLength	158
Description	<p>This gene encodes a pro-inflammatory cytokine that is a member of the interleukin-17 family. The encoded protein plays a central role in host defense against diverse pathogens. The encoded protein is produced by activated T-cells and certain cell types of innate immune system. The active protein functions as either a homodimer with other interleukin-17 family members and signals through the interleukin-17 receptor to induce inflammatory cytokine production. Aberrant expression of this gene is associated with autoinflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.</p>
Form	Lyophilized
AA Sequence	<p>MSPGRASSVSLMLLLLLSLAATVKAIIIPQSSACPNTAKDFLQNVKVNKVFNSLG AKVSSRRPSDYLNIRSTSPWTLHRNEDPDRYPSVIWEAQCRHQRCVNAEGKLDHHM NSVLIQQEILVLKREPESCPFTFRVEKMLVGVGCTCVASIVRQAA</p>
Purity	> 98%
Applications	WB; ELISA; FACS; FC

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Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	IL17a interleukin 17A [<i>Mus musculus</i> (house mouse)]
Official Symbol	IL17A
Synonyms	IL17A; interleukin 17A; interleukin-17A; cytotoxic T-lymphocyte-associated antigen 8; IL17; CtlA8; IL-17; CtlA-8; IL-17A;
Gene ID	16171
mRNA Refseq	NM_010552
Protein Refseq	NP_034682
UniProt ID	Q62386

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