

## Recombinant Mouse IL17RA protein(Met1-Trp322), hFc-tagged

Cat. No. IL17RA-404M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse IL17RA protein(Q60943)(Met1-Trp322) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-322 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized mouse IL17A at 10 µg/ml (100 µl/well) can bind mouse IL17RA-Fc, The EC50 of mouse IL17RA-Fc is 0.28-0.64 µg/ml.
<b>Molecular Mass</b>	The recombinant mouse IL17RA/Fc is a disulfide-linked homodimer. The reduced monomer comprises 532 amino acids and has a predicted molecular mass of 60.3 kDa. The apparent molecular mass of the protein is approximately 67-77 and 118 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.

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**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** IL17ra interleukin 17 receptor A [ *Mus musculus* ]

**Official Symbol** IL17RA

**Synonyms** IL17RA; interleukin 17 receptor A; interleukin-17 receptor A; IL-17RA; IL-17 receptor A; Il17r; Cdw217; VDw217; AW538159;

**Gene ID** 16172

**mRNA Refseq** NM\_008359

**Protein Refseq** NP\_032385

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