

Active Recombinant Rat IL17RA protein(Met1-Pro320), hFc-tagged

Cat. No. IL17RA-1354R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL17RA (NP_001101353.2)(Met1-Pro320) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Pro320
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse IL17A at 10 µg/ml (100 µl/well) can bind Rat IL17RA, The EC50 of RatIL17RA is 12.0-29.0 ng/ml.
Molecular Mass	The recombinant Rat IL17RA/Fc is a disulfide-linked homodimer. The reduced monomer comprises 530 amino acids and has a predicted molecular mass of 59.7 kDa. The apparent molecular mass of the protein is approximately 68-102 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 [Rattus norvegicus]

Official Symbol

IL17RA

Synonyms

IL17RA; interleukin 17 receptor A; Il17r;

Gene ID

312679

mRNA Refseq

NM_001107883

Protein Refseq

NP_001101353

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