Active Recombinant Human IL17BR protein, Fc-tagged

Cat. No. IL17BR-212H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL17BR protein(NP_061195.2) (Met1-Gly289) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-289 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human IL17BR-Fc at 10μg/mL (100μL/well) can bind biotinylated human Fc-IL25. The EC50 of human Fc-IL25 is 4.5-10.4ng/mL
Molecular Mass	The recombinant human IL17BR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 513 amino acids and has a predicted molecular mass of 56.9 kDa. The apparent molecular mass of the protein is approximately 67 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

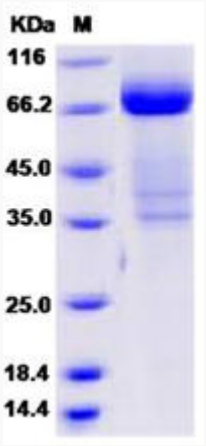
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	aliquot the protein into smaller quantities 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	IL17RB interleukin 17 receptor B [Homo sapiens]
Official Symbol	IL17RB
Synonyms	IL17RB; interleukin 17 receptor B; IL17BR, interleukin 17B receptor; interleukin-17 receptor B; CRL4; EVI27; IL17RH1; IL-17RB; IL-17Rh1; IL-17B receptor; IL-17 receptor B; cytokine receptor CRL4; IL-17 receptor homolog 1; cytokine receptor-like 4; interleukin 17B receptor; interleukin-17B receptor; interleukin 17 receptor homolog 1; IL17BR; MGC5245;
Gene ID	55540
mRNA Refseq	NM_018725
Protein Refseq	NP_061195
MIM	605458
UniProt ID	Q9NRM6

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SDS-PAGE	

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