

Active Recombinant Mouse Interleukin 17 receptor C, His-tagged

Cat. No. IL17rc-5648M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL17rc protein was expressed in Murine myeloma cellline. Leu21-Trp465, with a C-terminal 6-His tag.
Species	Mouse
Source	Mammalian Cells
Protein Length	21-465 a.a.
Description	IL17rc is an 85-110 kDa member of the IL-17 receptor family. This is one of five families, termed IL-17 RA, B, C, D and E that comprise the cytokine receptor superfamily. Not all receptors appear to bind known members of the IL-17 cytokine family. To date, IL-17 RA is reported to bind IL-17A, while IL-17 RB is reported to bind IL-17B and IL-17E. Mouse IL17rc is a type I transmembrane glycoprotein that is expressed on a variety of nonhematopoietic cell types. Full-length IL17rc is synthesized as a 674 amino acid (aa) precursor.
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
N-terminal Sequence	Leu21
Molecular Weight	50.5 kDa
Activity	Measured by its ability to bind rIL-17F in a functional ELISA with an estimated $KD < 3$

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	nM.
Endotoxin Level	<1.0EU per 1µg of the protein by the LAL method.
SDS-PAGE	75-85kDa, reducing conditions.
Purity	>95%,by SDS-PAGE under reducing conditions and visualized by silver stain.
Reconstitution	200 µg/mL in sterile PBS
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -70°C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Il17rc interleukin 17 receptorC [Mus musculus]
Official Symbol	Il17rc
Synonyms	Il17rc; interleukin17 receptor C; Il17rl; IL-17RC; IL17-RC; IL17-RL; 1110025H02Rik; zcytoR14; IL-17 receptor C; interleukin-17 receptor-like protein; Putative uncharacterized protein
Gene ID	171095
mRNA Refseq	NM_134159
Protein Refseq	NP_598920
UniProt ID	Q60837

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Chromosome Location	6
Function	molecular_function;receptor activity