

Active Recombinant Mouse Interleukin 17 receptor C, His-tagged

Cat. No. II17rc-5648M **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Mouse II17rc 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 | II17rc 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 II17rc is a type I transmembrane glycoprotein that is expressed on a variety of nonhematopoietic cell types. Full-length II17rc 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

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|------------------------|---|
| Gene Name | Il17rc interleukin 17 receptorC [Mus musculus] |
| Official Symbol | Il17rc |
| Synonyms | Il17rc; interleukin17 receptor C; Il17ri; 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 |

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