Recombinant Rat Il17a protein

Cat. No. Il17a-489R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il17a protein was expressed in Escherichia coli.
Species	Rat
Source	E.coli
ProteinLength	133
Description	Cytokine; may be involved in immune system function or to cell death and cell survival.
Form	Lyophilized from a 0.2μm filtered concentrated solution in 2 × PBS, pH 6.5.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by inducing IL-6 secretion of murine NIH/3T3 cells is less than 1.0 ng/ml, corresponding to a specific activity of > 1.0×10^6 IU/mg.
Molecular Mass	Approximately 30.0 kDa, a disulfide-linked homodimer of two 133 amino acid polypeptide chains.
AA Sequence	AVLIPQSSVCPNAEANNFLQNVKVNLKVINSLSSKASSRRPSDYLNRSTSPWTLSRN EDPDRYPSVIWEAQCRHQRCVNAEGKLDHHMNSVLIQQEILVLKREPEKCPFTFRV EKMLVGVGCTCVSSIVRHAS
Endotoxin	Less than 0.1 EU/μg of rRtIL-17A as determined by LAL method.

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

Purity	>95% by SDS-PAGE and HPLC analysis.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 4 mM HCl to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤-20 centigrade. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	Il17a
Official Symbol	Il17a
Synonyms	IL17A; interleukin 17A; interleukin-17A; cytotoxic T-lymphocyte-associated antigen 8; Interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8); Il17; IL-17; CTLA-8; IL-17A;
Gene ID	301289
mRNA Refseq	NM_001106897
Protein Refseq	NP_001100367
UniProt ID	Q61453

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