

Active Recombinant Rat II9

Cat. No. II9-676R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat II9 (Accession # NP_001099217) Gln19-Ala144 was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
ProteinLength	19-144 a.a.
Predicted N Terminal	Gln19
Form	Lyophilized from a 0.2 µ filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using TS1 mouse helper T cells. Uyttenhove, C. et al. (1988) Proc. Natl. Acad. Sci. 85:6934. The ED50 for this effect is typically 3-15 ng/mL.
Molecular Mass	Recombinant Rat II9 has a calculated MW of 14.1 kDa. In SDS-PAGE migrates as 30-35 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

 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



months (-70°C).

Reconstitution

Reconstitute at 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name IL9 interleukin 9 [*Rattus norvegicus*]

Official Symbol IL9

Synonyms IL9; interleukin 9; interleukin-9;

Gene ID 116558

mRNA Refseq NM_001105747

Protein Refseq NP_001099217

MIM

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