Active Recombinant Cotton Rat Il1a

Cat. No. Il1a-380C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cotton Rat Il1a (Accession # AAK94011) Ser115-Pro269 was produced in E. coli-derived.
Species	Cotton Rat
Source	E.coli
ProteinLength	115-269 a.a.
Predicted N Terminal	Ser115
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. Symons, J.A. et al. (1987) in Lymphokines and Interferons, a Practical Approach. Clemens, M.J. et al. (eds): IRL Press. 272.The ED50 for this effect is typically 1 - 5 pg/mL
Molecular Mass	Recombinant Cotton Rat Il1a has a calculated MW of 17.7 kDa.
Purity	>95%, 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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

GENE INFORMATION

Gene Name	Il1a interleukin 1 alpha [Rattus norvegicus (Norway rat)]
Official Symbol	Il1a
Synonyms	Il1a; interleukin 1 alpha; IL-1 alpha; interleukin-1 alpha
Gene ID	24493
mRNA Refseq	NM_017019
Protein Refseq	NP_058715
MIM	
UniProt ID	P16598
Chromosome Location	3q36

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