Active Recombinant Mouse Il27ra Protein, Fc Chimera

Cat. No. Il27ra-1013M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il27ra (Accession # O70394), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Gly29
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit IL-27-induced proliferation of mouse CD4+ T cells.The ED50 for this effect is typically 1-4 μg/mL in the presence of 10 ng/mL of recombinant mouse IL-27.Measured by its ability to inhibit IL-27 anti-viral activity using HepG2 human hepatocellular carcinoma cells infected with encephalomyocarditis (EMC) virus. Bender H. et al. (2009) Hepatology 50:585.The ED50 for this effect is typically 2-12 μg/mL.
Molecular Mass	Recombinant Mouse Il27ra, Fc Chimera has a calculated MW of 80 kDa (monomer). In SDS-PAGE migrates as 105-115 kDa, reducing conditions.
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

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 (-70ºC).
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	Il27ra interleukin 27 receptor, alpha [Mus musculus]
Official Symbol	Il27ra
Synonyms	IL27RA; interleukin 27 receptor, alpha; interleukin-27 receptor subunit alpha; IL-27RA; IL-27R-alpha; IL-27R subunit alpha; T cell cytokine receptor; IL-27 receptor subunit alpha; type I T-cell cytokine receptor; cytokine receptor family, class 1 (WSXWS), member 1; CRL1; Tccr; Wsx1; WSX-1; IL-27R; zcytor1;
Gene ID	50931
mRNA Refseq	NM_016671
Protein Refseq	NP_057880
MIM	

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