

Active Recombinant Rat Il6st, Fc Chimera

Cat. No. Il6st-539R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il6st (Accession # EDM10349) was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
Predicted N Terminal	No results obtained: Gln23 predicted & Tyr30
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit the IL-6 R alpha enhancement of IL-6 activity on M1 mouse myeloid leukemia cells. Saito, T. et al. (1991) J. Immunol. 147:168. The ED50 for this effect is typically 5 - 30 ng/mL in the presence of 10 ng/mL recombinant human (rh) IL-6 R alpha and 20 ng/mL of rhIL-6.
Molecular Mass	Recombinant Rat Il6st, Fc Chimera has a calculated MW of 94 kDa (monomer). In SDS-PAGE migrates as 105-130 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 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

GENE INFORMATION

Gene Name	Il6st interleukin 6 signal transducer [Rattus norvegicus]
Official Symbol	Il6st
Synonyms	IL6ST; interleukin 6 signal transducer; interleukin-6 receptor subunit beta; IL-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; interleukin-6 signal transducer; oncostatin-M receptor subunit alpha; Gp130; Ac1055; Il-6rb;
Gene ID	25205
mRNA Refseq	NM_001008725
Protein Refseq	NP_001008725
MIM	

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