

## Recombinant Rat Esr1 protein, His & GST-tagged

**Cat. No.** Esr1-1439R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Esr1 aa. (Arg248~Leu484 (Accession # P06211)) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg248~Leu484
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 59.0kDa.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method).
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.6.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

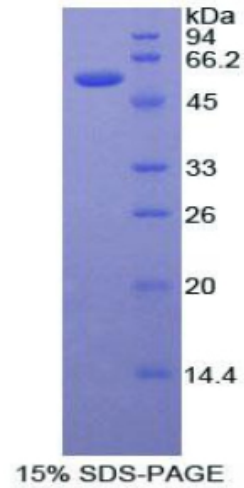
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Esr1 estrogen receptor 1 [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	<a href="#">Esr1</a>
<b>Synonyms</b>	Esr; ER-alpha; RNESTROR; C-terminally-truncated estrogen receptor alpha product-1; Er alpha; estradiol receptor; estrogen receptor 1 (alpha); estrogen receptor alpha c-terminus splice variant 1-2; estrogen receptor alpha i45aL; estrogen receptor alpha i45aS; estrogen receptor alpha i45c; estrogen receptor alpha i56a; estrogen receptor alpha i56b; estrogen receptor alpha i56c estrogen receptor alpha i56dL; estrogen receptor alpha i56dS; estrogen receptor alpha i56e; estrogen receptor alpha variant delta 4; estrogen receptor protein;; nuclear receptor subfamily 3 group A member 1; truncated estrogen receptor product-2; trunctaed estrogen receptor product-1; estrogen receptor
<b>Gene ID</b>	<a href="#">24890</a>
<b>mRNA Refseq</b>	<a href="#">NM_012689.1</a>
<b>Protein Refseq</b>	<a href="#">NP_036821.1</a>
<b>UniProt ID</b>	<a href="#">P06211</a>

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**SDS-PAGE**



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