Recombinant Rat Esr1 protein, His & GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Esr1 aa. (Arg248~Leu484 (Accession # P06211)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg248~Leu484
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.0kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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.

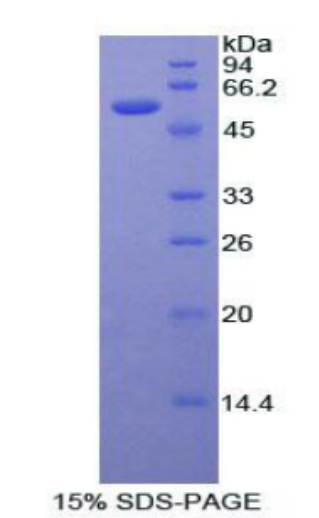
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Esr1 estrogen receptor 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Esr1
Synonyms	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
Gene ID	24890
mRNA Refseq	NM_012689.1
Protein Refseq	NP_036821.1
UniProt ID	P06211

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SDS-PAGE	 15% SDS-PAGE

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