Recombinant Human ESR1 protein

Cat. No. ESR1-28401TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ESR1 was expressed in E. coli.
Species	Human
Source	E.coli
Form	20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
Purity	> 95 % by SDS-PAGE.
Applications	Western blot; ELISA
Storage	Shipped at 4 centigrade. Upon delivery aliquot and store at -20 centigrade or -80 centigrade. Avoid repeated freeze / thaw cycles.
Concentration	0.1 mg/ml

GENE INFORMATION

Gene Name	ESR1 estrogen receptor 1 [Homo sapiens]
Official Symbol	ESR1
Synonyms	ESR1; estrogen receptor 1; ESR; estrogen receptor; Era; NR3A1; ER-alpha; estradiol receptor; estrogen nuclear receptor alpha; estrogen receptor alpha delta 4 +49

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	isoform; nuclear receptor subfamily 3 group A member 1; estrogen receptor alpha 3*,4,5,6,7*/822 isoform; estrogen receptor alpha delta 4*,5,6,7*/654 isoform; estrogen receptor alpha delta 4*,5,6,7,8*/901 isoform; estrogen receptor alpha delta 3*,4,5,6,7*/819-2 isoform; estrogen receptor alpha delta 3*,4,5,6,7*,8*/941 isoform; ER; ESRA; DKFZp686N23123;
Gene ID	2099
mRNA Refseq	NM_000125
Protein Refseq	NP_000116
MIM	
UniProt ID	P03372
Chromosome Location	6q24-q27
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, conserved biosystem; Estrogen signaling pathway, organism-specific biosystem
Function	DNA binding; beta-catenin binding; chromatin binding; core promoter sequence-specific DNA binding; enzyme binding; enzyme binding; estrogen receptor activity; estrogen receptor activity; estrogen response element binding; hormone binding; identical protein binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; nitric-oxide synthase regulator activity; protein binding; protein complex binding; receptor activity

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