



Recombinant Human Estrogen Receptor (ESR1)

Catalog Number:PLA205

Gene Name	ESR1, ESR, NR3A1
Accession#	P03372
Source	<i>E.coli</i>
Expression Region	Gly125-Glu444
Tag	His tag
Molecular Weight	36 kDa
Purity	≥90 % by SDS-PAGE under reducing conditions
Formulation	Supplied as 20 mM Tris, 100mM NaCl, pH 8.0
Shipping	The product is shipped with ice packs. Upon receipt, store it immediately at the temperature recommended below.
Storage	The product should be stored at -20°C to -80°C. Avoid repeated freeze-thaw cycles.

SDS-PAGE

Background

Estrogen receptors (ERs) are proteins found in cells that function as receptors for the hormone estrogen (17 β -estradiol). Estrogen receptors (ERs) belong to the family of steroid hormone receptors, which are hormone receptors for sex steroids. Along with androgen receptors (ARs) and progesterone receptors (PRs), ERs play crucial roles in regulating sexual maturation and gestation.