

Estrogen Receptor a Recombinant Protein

Recombinant Estrogen Receptor a protein

CATALOG #
AAA59634

HOST
Baculovirus

PRODUCT SYNONYMS

Estrogen Receptor a; Recombinant Estrogen Receptor a protein; ESR1; ESR; Era; ESRA; ESTRR; NR3A1; Estrogen Receptor a recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	The purified recombinant protein is greater than 90% homogeneous and contains no detectable protease, DNase and RNase activity.
Form/Format	Recombinant ER protein is supplied in 20mM Tris-Cl (pH8), 20% glycerol, 100mM KCl, 1mM DTT and 0.2 mM EDTA.
Protein Species	Human
Tag	His-Tag
Notes	Recombinant ER is specific for the ER alpha subunit and was expressed from full length (accession number NM 000125) with an N-terminal His-Tag in a baculovirus system and purified by an affinity column in combination with FPLC chromatography.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage. Shipping Temp: Dry Ice

ADDITIONAL INFORMATION

Related Product Information for Estrogen Receptor a recombinant protein	Background: Estrogen receptors (ER) are nuclear hormone receptors that mediate the actions of the endogenous steroid hormone, 17b-estradiol (E2). ER is synthesized as two protein forms, ERa and ERb, which can bind to the estrogen receptor element (ERE) as homo- or heterodimers. Cell proliferation and differentiation triggered by ER activation has been heavily studied in bone-wasting and breast cancer treatments. Estrogen receptors are necessary for sexual development and reproductive function.
Product Categories/Family for Estrogen Receptor a recombinant protein	Recombinant Proteins ; Nuclear Receptor ; Transcription

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_000125
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/estrogen-receptor-a-recombinant-protein-baculovirus/59634>