

# Recombinant Human ESR1 protein(191-270 aa), C-His-tagged

**Cat. No.** ESR1-2534H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ESR1 protein(P03372)(191-270 aa), fused with C-terminal His tag, was expressed in E. coli.                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                            |
| <b>ProteinLength</b>    | 191-270 aa                                                                                                                                                                        |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                  |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.     |
| <b>AA Sequence</b>      | YASGYHYGVWSCEGCKAFFKRSIQGHNDYMCPATNQCTIDKNRRKSCQACRLRKCYEVGMMKGGIRKDRRGGRMLKHKRQ                                                                                                  |

## GENE INFORMATION

|                  |                                           |
|------------------|-------------------------------------------|
| <b>Gene Name</b> | ESR1 estrogen receptor 1 [ Homo sapiens ] |
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| <b>Official Symbol</b> | <a href="#">ESR1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | ESR1; estrogen receptor 1; ESR; estrogen receptor; Era; NR3A1; ER-alpha; estradiol receptor; estrogen nuclear receptor alpha; estrogen receptor alpha delta 4 +49 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; |
| <b>Gene ID</b>         | <a href="#">2099</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>     | <a href="#">NM_000125</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>  | <a href="#">NP_000116</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>      | <a href="#">P03372</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |