

## Recombinant Human ESR2 protein, His-SUMO-tagged

**Cat. No.** ESR2-2873H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human ESR2 protein(Q92731)(2-323aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 2-323aa   |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.   |
| <b>Molecular Mass</b>   | 51.9 kDa  |
| <b>AA Sequence</b>      | DIKNSPSSLNSPSSYNCSQSILPLEHGSIYIPSSYVDSHHEY PAMTFYSPAVMNYSIP<br>SNVTNLEGGPGRQTTSPNVLWPTPGHLSPLVVHRQLSHLYAEPQKSPWCEARSLE<br>HTLPVNRETLKRKRVSGNRCASPVTGPGSKRDAHFCAVCS DYASGYHYGVWSCEG<br>CKAFFKRSIQGHNDYICPATNQCTIDKNRRKSCQACRLRKYEVGMVKCGSRRERC<br>GYRLVRRQRSADQLHCAGKAKRSGGHAPRVRELLLDALSPEQLVLTLLLEAEP PHV<br>LISRPSAPFTEASMMMSLTKLADKELVHMISWAKKIPGMRGNA |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** ESR2 estrogen receptor 2 (ER beta) [ Homo sapiens ]

**Official Symbol** ESR2

**Synonyms** ESR2; estrogen receptor 2 (ER beta); estrogen receptor beta; Erb; NR3A2; estrogen receptor beta 4; estrogen nuclear receptor beta variant a; estrogen nuclear receptor beta variant b; nuclear receptor subfamily 3 group A member 2; ESRB; ESTRB; ER-BETA; ESR-BETA;

**Gene ID** 2100

**mRNA Refseq** NM\_001040275

**Protein Refseq** NP\_001035365

**MIM** 601663

**UniProt ID** Q92731

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