

Recombinant Human ESRRB, GST-tagged

Cat. No. ESRRB-12561H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ESRRB protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-91a.a.
Description	This gene encodes a protein with similarity to the estrogen receptor. Its function is unknown; however, a similar protein in mouse plays an essential role in placental development.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	ESRRB estrogen-related receptor beta [Homo sapiens]
Official Symbol	ESRRB

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Synonyms	ESRRB; estrogen-related receptor beta; deafness, autosomal recessive 35 , DFNB35, ESRL2; steroid hormone receptor ERR2; ERR2; ERRb; ERRbeta; NR3B2; ERR-beta; ERRbeta-2; ERR beta-2; nuclear receptor ERRB2; orphan nuclear receptor; estrogen receptor-like 2; estrogen-related nuclear receptor beta; nuclear receptor subfamily 3 group B member 2; ESRL2; DFNB35;
Gene ID	2103
mRNA Refseq	NM_004452
Protein Refseq	NP_004443
MIM	602167
UniProt ID	O95718
Chromosome Location	14q24.3
Pathway	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem; Wnt Signaling Pathway and Pluripotency, organism-specific biosystem;
Function	RNA polymerase II distal enhancer sequence-specific DNA binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA bin