

Recombinant Human ESRRB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ESRRB-4345H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ESRRB MS Standard C13 and N15-labeled recombinant protein (NP_004443) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	56 kDa
AA Sequence	MSSDDRHLGSSCGSFIKTEPSSPSSGIDALSHHSPSGSSDASGGFGLALGTHANGL DSPPMFAGAGLGGTPCRKSYEDCASGIMEDSAIKCEYMLNAIPKRLCLVCGDIASGY HYGVASCEACKAFFKRTIQGNIEYSCPATNECEITKRRRKSCQACRFMKCLKVGMKLK EGVRLDRVRGGRQKYKRRLDSESSPYLSLQISPPAKKPLTKIVSYLLVAEPDKLYAM PPPGMPEGDIKALTTLCDLADRELVVIIGWAKHIPGFSSLSLGDQMSLLQSAWMEILIL GIVYRSLPYDDKLVYAEDYIMDEEHSRLAGLLELYRAILQLVRRYKCLKVEKEEFVTLK ALALANSDSMYIEDLEAVQKLQDLLHEALQDYELSQRHEEPWRTGKLLLTPLLRQT AAKAVQHFFYSVKLQGVPMHKLFLMLEAKAWARADSLQEWPRPLEQVPSPLHRAT KRQHVHFLTPLPPPSVAWVGTAQAGYHLEVFLPQRAGWPRAATRTRPLEQKLISE EDLAANDILDYKDDDDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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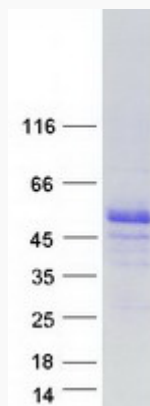
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UniProt ID

O95718

SDS-PAGE

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