

Recombinant Human ESRRA cell lysate

Cat. No. ESRRA-576HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species Human

Description

The protein encoded by this gene is a nuclear receptor that is closely related to the estrogen receptor. This protein acts as a site-specific transcription regulator and has been also shown to interact with estrogen and the transcription factor TFIIB by direct protein-protein contact. The binding and regulatory activities of this protein have been demonstrated in the regulation of a variety of genes including lactoferrin, osteopontin, medium-chain acyl coenzyme A dehydrogenase (MCAD) and thyroid hormone receptor genes. A processed pseudogene of ESRRA is located on chromosome 13q12.1.

Size 100 ul

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Applications Western Blot;

GENE INFORMATION

Gene Name ESRRA estrogen-related receptor alpha [Homo sapiens]

Official Symbol ESRRA

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Synonyms	ESRRA; estrogen-related receptor alpha; ESRL1; steroid hormone receptor ERR1; ERR1; ERRa; ERRalpha; NR3B1; ERR-alpha; estrogen receptor-like 1; estrogen-related nuclear receptor alpha; nuclear receptor subfamily 3 group B member 1;
Gene ID	2101
mRNA Refseq	NM_004451
Protein Refseq	NP_004442
MIM	601998
UniProt ID	P11474
Chromosome Location	11q12
Pathway	Energy Metabolism, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Mitochondrial Gene Expression, organism-specific biosystem;
Function	DNA binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; protein binding; protein domain specific binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid binding; steroid hormone receptor activity; zinc ion binding;

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