

# Recombinant Human Estrogen Related Receptor alpha protein ab152370

1 图像

描述

产品名称	重组人Estrogen Related Receptor alpha蛋白
表达系统	Wheat germ
Accession	<u>P11474</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	LFDREIVVTISWAKSIPGFSSLSLSDQMSVLQSVWMEVLVLG VAQRSLPL QDELAFAEDLVLDEEGARAAGLGELGAALLQLVRRLLQALRLE REEYVLLK
预测分子量	37 kDa including tags
氨基酸	231 to 330

技术指标

Our **Abpromise guarantee** covers the use of **ab152370** in the following tested applications.  
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	ELISA SDS-PAGE Western blot
形式	Liquid
补充说明	

制备和贮存

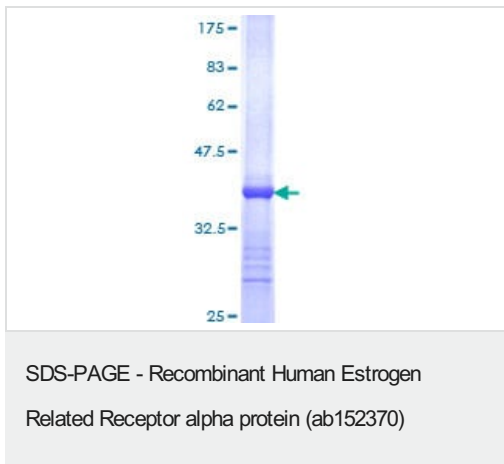
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.31% Glutathione, 0.79% Tris HCl

## 常规信息

功能	Binds to an ERR-alpha response element (ERRE) containing a single consensus half-site, 5'-TNAAGGTCA-3'. Can bind to the medium-chain acyl coenzyme A dehydrogenase (MCAD) response element NRRE-1 and may act as an important regulator of MCAD promoter. Binds to the C1 region of the lactoferrin gene promoter. Requires dimerization and the coactivator, PGC-1A, for full activity. The ERRalpha/PGC1alpha complex is a regulator of energy metabolism.
序列相似性	Belongs to the nuclear hormone receptor family. NR3 subfamily. Contains 1 nuclear receptor DNA-binding domain.
翻译后修饰	Phosphorylation on Ser-19 enhances sumoylation on Lys-14 increasing repression of transcriptional activity. Sumoylated by SUMO2. Main site is Lys-14 which is enhanced by phosphorylation on Ser-19, cofactor activation, and by interaction with PIAS4. Sumoylation enhances repression of transcriptional activity, but has no effect on subcellular location nor on DNA binding.
细胞定位	Nucleus.

## 图片



12.5% SDS-PAGE analysis of ab152370 stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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