

Product Name: Recombinant Human ER alpha (N-6His)
Catalog #: PEH0600

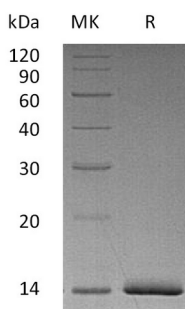


概述 (Summary)

英文全称	ER alpha/NR3A1/Estrogen receptor alpha
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Estrogen Receptor Alpha is produced by our E.coli expression system and the target gene encoding Met1-Gln116 is expressed with a 6His tag at the N-terminus.
Accession #	P03372
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	14.38 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Glycine-HCl, 8% Sucrose, 0.05% Tween 80, pH 3.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

Estrogen Receptor; ER; ER-Alpha; Estradiol Receptor; Nuclear Receptor Subfamily 3 Group A Member 1; ESR1; ESR; NR3A1; Estrogen Receptor Alpha; ER alpha; estrogen receptor alpha

背景介绍 (References)

Estrogen Receptor is a major ligand-activated transcription factor belonging to the nuclear hormone receptor superfamily. Estrogen Receptor is composed of several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but they also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis. Alternative splicing results in several transcript variants, which differ in their 5 UTRs and use different promoters.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.