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Datasheet for ABIN7505144

Estrogen Receptor alpha Protein (AA 297-554) (His tag)

Overview

Quantity:	100 µg
Target:	Estrogen Receptor alpha (ESR1)
Protein Characteristics:	AA 297-554
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Estrogen Receptor alpha protein is labelled with His tag.

Product Details

Sequence:	Met 297-Ser 554
Characteristics:	A DNA sequence encoding the Human ER alpha protein (P03372) (Met 297-Ser 554) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Estrogen Receptor alpha (ESR1)
Alternative Name:	ER alpha (ESR1 Products)
Background:	Background: 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 pro Synonym: Estrogen Receptor α, Estrogen Receptor, ER, ER-Alpha, Estradiol Receptor, Nuclear

Target Details

	Receptor Subfamily 3 Group A Member 1, ESR1, ESR, NR3A1
Molecular Weight:	28.27 kDa
UniProt:	P03372
Pathways:	Nuclear Receptor Transcription Pathway , EGFR Signaling Pathway , Retinoic Acid Receptor Signaling Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Ribonucleoprotein Complex Subunit Organization , Ribosome Assembly

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months