



Recombinant Human ER alpha [His] (DAG-WT2267)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	Human
Purity	> 95% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	14.5 kDa
Format	Liquid
Size	50 µg, 500 µg, 1 mg
Buffer	20mM Tris-HCl, 150mM NaCl, 2M Urea, pH8.0
Preservative	None
Storage	Store at -20°C

BACKGROUND

Introduction	Estrogen Receptor 1 (ER1) is one of two subtypes of estrogen receptors, proteins that play a critical role in the functioning of estrogen, a hormone found in both men and women. ER1 is mainly found in the nucleus of cells where it functions as a transcription factor, regulating the expression of genes involved in cell proliferation, differentiation, and survival. ER1 activity is also linked to the risk of developing breast cancer, and selective modulators of ER1 can be used as therapies for the treatment of this disease.
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KeywordsEstrogen receptor; ESR1

GENE INFORMATION**UniProt ID**P03372
