

Recombinant Human FSHR Protein, His-tagged

Cat. No. FSHR-23H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FSHR (Cys18-Pro113) protein with His tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	18-113 a.a.
Description	The protein encoded by this gene belongs to family 1 of G-protein coupled receptors. It is the receptor for follicle stimulating hormone and functions in gonad development. Mutations in this gene cause ovarian dysgenesis type 1, and also ovarian hyperstimulation syndrome. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	12.6kDa
AA Sequence	CHHRICHCSNRVFLCQESKVTEIPSDLPRNAIELRFVLTKLRVIQKGAFSGFGDLEKIE ISQNDVLEVIEADVFSNLPKLHEIRIEKANNLLYINP
Endotoxin	<1.0 EU per 1 µg (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Usage	Reconstitute in PBS or others.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

GENE INFORMATION

Gene Name	FSHR follicle stimulating hormone receptor [Homo sapiens (human)]
Official Symbol	FSHR
Synonyms	FSHR; follicle stimulating hormone receptor; LGR1; ODG1; FSHR1; FSHRO; follicle-stimulating hormone receptor; FSH receptor; follitropin receptor
Gene ID	2492
mRNA Refseq	NM_000145
Protein Refseq	NP_000136
MIM	136435

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UniProt ID

P23945

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