

Recombinant Human FSHR protein, His-tagged

Cat. No. FSHR-13016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FSHR protein(18-352 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	18-352 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	CHHRICHCSNRVFLCQESKVTEIPSDLPRNAIELRFVLTKLRVIQKGAFSGFGDLEKIE ISQNDVLEVIEADVFSNLPKLHEIRIEKANNLLYINPEAFQNLPNLQYLLISNTGIKHLPD VHKIHSLQKVLLDIQDNINIHTIERNNSFVGLSFESVILWLNKNGIQEIHNCAFNGTQLDE LNLSDNNNLEELPNDVFH GASGPVILDISRTRIHSLPSYGLENLKKLRARSTYNLKKLP TLEKLVALMEASLTYP SHCCAFANWRRQISELHPICNKSILRQEVDYMTQTRGQRSS LAEDNESSYSRGFDMTYTEFDYDLCNEVVDVTCSPKPDA
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name FSHR follicle stimulating hormone receptor [Homo sapiens]

Official Symbol FSHR

Synonyms

FSHR; follicle stimulating hormone receptor; ODG1; follicle-stimulating hormone receptor; FSHRO; LGR1; FSH receptor; follitropin receptor; MGC141667; MGC141668;

Gene ID 2492

mRNA Refseq NM_000145

Protein Refseq NP_000136

MIM 136435

UniProt ID P23945

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SDS-PAGE

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