

Recombinant Full Length Callithrix Jacchus Lutropin-Choriogonadotropic Hormone Receptor(Lhcgr) Protein, His-Tagged

Cat. No. RFL17243CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Callithrix jacchus Lutropin-choriogonadotropic hormone receptor(LHCGR) Protein (O02721) (30-676aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Callithrix jacchus (White-tufted-ear marmoset)
Source	E.coli
ProteinLength	Full Length of Mature Protein (30-676)
Form	Lyophilized powder
AA Sequence	EARCCPEPCNCTPDGALRCPGPGAGLTRLSLAYLPVKVIPSQAFRGLNEVIKIEISQSDS LERIEANAFDNLNLSEILIQNTKNLIHIEPGAFTNLPRLKYLSICNTGIRKFPDVTKIF SSETNFILEICDNLHITTIPGNAFQGMNNEISITLKLYGNGFEEVQSHAFNGTTVISLV LK ENVHLERIHNGAFRGATGPSILDISSTKLQALPSHGLESIQTLIATSSYSLKKLPSR EKF ANLLDATLTYP SHCCAFRNVP TKDYPAIFAESGQSGWDYDYGFHLPKTPRCAP EPDAFNP CEDIMGYDFLRVLIWLINILAIMGNMTVLFVLLTSRYKLTVP RFLMCNLSFA DFCMGLYL LLIASVDSQTKGQYYNHAI DWQTGSGCNTAGFFT VFASELSVYTLTVIT LERWHTITYAI HLDQKLRLRHAILIMLGGWLFSSLIAMLP LVGVSNYMKVSICFPMDV ETTLSQIYILTIL ILNVVAFIIICACYIKIYFAVRNPELMATNKDTKIAKKMAILIFTDFTCM APISFFAISA AFKMPLITVTNSKVLLVLFYPINSCANPFLYAIFTKTFRDRDFLLLGKFG

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	CCKHRAELYR RKDFSAYTSNYKNGFTGSSKPSQSTLKL PALHCQGTALLDKTCYKE Y
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	LHCGR
Synonyms	LHCGR; Lutropin-choriogonadotropic hormone receptor; LH/CG-R; Luteinizing hormone receptor; LSH-R
UniProt ID	O02721