

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

Cat. No. RFL34055SF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pig Lutropin-choriogonadotropic hormone receptor(LHCGR) Protein (P16582) (28-696aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Sus scrofa (Pig)
Source	E.coli
ProteinLength	Full Length of Mature Protein (28-696)
Form	Lyophilized powder

AA Sequence

APCPEPCSCRPDGALRCPGPRAGLSRSLTYLPIKVIPSQAFRGLNEVVKIEISQSDS
 LE KIEANAFDNLNLSEILIQNTKNLVYIEPGAFTNLPRLKYLSICNTGIRKLPDVTKIFS
 S EFNFILEICDNLHITV PANAFQGMNNEISITLKLYGNGFEEIQSHAFNGTTLISLELK
 EN AHLKMMHNDAFRGARGPSILDISSTKLQALPSYGLESIQTLIATSSYSLKKLPSRE
 KFTN LLDATLTYP SHCCAFRNLP TKEQNF SFSIFKNFSKQCESTARPNNETLYSAIF
 AESELS DWDYDYGFCS PKTLQCAPEPDAFNPCEDIMGYDFLRVLIWLNILAIMGNV
 TVLFVLLTS HYKLTVPRFLMCNLSFADFCMGLYLLLIASVDAQTKGQYYNHAI DWQT
 GNGCSVAGFFTV FASELSVYTLTVITLERWHTITYAIQLDQKLRLRHAIPIMLGGWLF
 STLIAMLPLVGVSS YMKVSICLPMDVETTL SQVYILTILILNVVAFIICACYIKIYFAVQN
 PELMATNKDTKI AKKMAVLIFTDFTCMAPISFFAISAALKVPLITVTNSKVLLVLFYPVN
 SCANPFLYAIFT KAFRRDFLLLSKSGCCKHQAELYRRKDFSA YCKNGFTGSKNPKS
 RSTLKLTTLQCQYSTV MDKTCYKDC

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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	P16582

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