

Recombinant Rat LHCGR Protein (27-362 aa), His-SUMO-tagged

Cat. No. LHCGR-624R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat LHCGR Protein (27-362 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Rat
Source	E.coli
ProteinLength	27-362 aa
Description	Receptor for lutropin-choriogonadotropic hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	53.2 kDa
AA Sequence	RELSGSRCPEPCDCAPDGALRCPGPRAGLARLSLTYPVKVIPSQAFRGLNEVVKIEI SQSDSLERIEANAFDNLNLSSELLIQNTKNLLYIEPGAFTNLPRLKYLSICNTGIRTLPD VTKISSSEFNFILEICDNLHITTIPGNAFQGMNNE SVTLKLYGNGFEEVQSHAFNGTTL ISLELKENIYLEKMHSGAFQGATGPSILDISSTKLQALPSHGLESIQTLIALSSYSKTL PSKEKFTSLLVATLTYP SHCCAFRNLPKKEQNFSFSIFENFSKQCESTVRKADNETLY SAIFEENELSGWDYDYGFCSPKTLQCAPEPDAFNPCEDIMG

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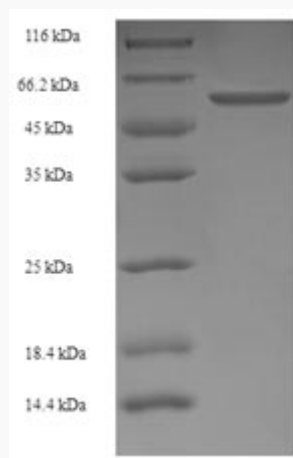
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	Lhcgr luteinizing hormone/choriogonadotropin receptor [Rattus norvegicus (Norway rat)]
Official Symbol	LHCGR
Synonyms	Lhr; LSHR; LSH-R; LH/CG-R;
Gene ID	25477
mRNA Refseq	NM_012978
Protein Refseq	NP_037110
UniProt ID	P16235

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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