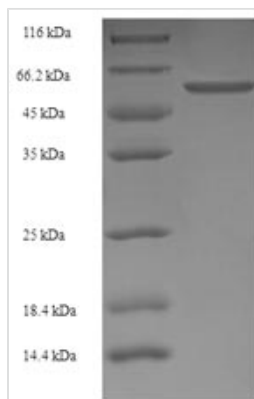




Recombinant Rat Lutropin-choriogonadotropic hormone receptor (Lhcgr), partial

Product Code	CSB-EP012911RA
Relevance	Receptor for lutropin-choriogonadotropic hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.
Abbreviation	Recombinant Rat Lhcgr protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P16235
Alias	Luteinizing hormone receptor ;LSH-R
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	RELSGSRCPEPCDCAPDGALRCPGPRAGLARLSLTYPVKVIPSQAFRGLNEV VKIEISQSDSLERIEANAFDNLNLSSELLIQNTKNLLYIEPGAFTNLPRLKYLSICN TGIRTLPDVTKISSSEFNFILEICDNLHITTIPGNAFQGMNNE SVTLKLYGNGFEE VQSHAFNGTTLISLELKENIYLEKMHSGAFQGATGPSILDISSTKLQALPSHGLE SIQTLIALSSYSLKTLPSKEKFTSLLVATLTYP SHCCA FRNL PKKEQNFSFSIFEN FSKQCESTVRKADNETLYSAIFEENELSGWDYDYGFCSPKTLQCAPEPDAFNP CEDIMG
Research Area	Others
Source	E.coli
Target Names	Lhcgr
Protein Names	Recommended name: Lutropin-choriogonadotropic hormone receptor Short name= LH/CG-R Alternative name(s): Luteinizing hormone receptor Short name= LSH-R
Expression Region	27-362aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	53.2kDa
Protein Length	Extracellular Domain
Image	



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

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.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.