

Recombinant Human LHCGR Protein (27-363 aa), His-tagged

Cat. No. LHCGR-1442H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LHCGR Protein (27-363 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	27-363 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	39.6 kDa
AA Sequence	EALCPEPCNCVDPD GALRC PGPTAGLTRLSLAYLPVKVIPSQA FRGLNEVIKIEISQIDS LERIEANAFDNLNLSEILIQNTKNLRYIEPGAFINLPRLKYLSICNTGIRKFPDVTKVFS SESNFILEICDNLHITTIPGNAFQGMNNE SVTLKLYGNGFEEVQSHAFNGTTLSLELK ENVHLEKMHNGAFRGATGPKTLDISSTKLQALPSYGLESIQRLIATSSYSLKKLPSRE TFVNLLEATLTYP SHCCA FRNLPTKEQNFSHSISENFSKQCESTVRKVNNTLYSSM LAESEL SGWDY EYGFCLPKTPRCAPEPDAFNPCEDIMGYDFLR
Purity	> 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 reconstitution instruction is sent along with the products.

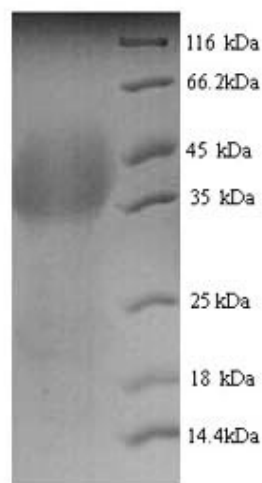
GENE INFORMATION

Gene Name	LHCGR luteinizing hormone/choriogonadotropin receptor [Homo sapiens]
Official Symbol	LHCGR
Synonyms	LHCGR; LCGR; LGR2; LHR; ULG5; HHG; LHRHR; LSH-R; LH/CGR; LH/CG-R; FLJ41504;
Gene ID	3973
mRNA Refseq	NM_000233
Protein Refseq	NP_000224
MIM	152790
UniProt ID	P22888

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

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