

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

Catalog No: #AP70502

Package Size: #AP70502-1 20ug #AP70502-2 100ug #AP70502-3 1mg

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Description

Product Name	Recombinant Rat Lutropin-choriogonadotropic hormone receptor(Lhcgr),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-362aaSequence Info:Extracellular Domain
Other Names	Luteinizing hormone receptor ;LSH-R
Accession No.	P16235
Calculated MW	53.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	RELSGSRCPEPCDCAPDGLRCPGPRAGLARLSLTYLPVKVIPSQAFRGLNEVVKIEISQSDSLERIEANAFDN LLNLSSELLIQNTKNLLYIEPGAFTNLPRLKYLKICNTGIRTLDPVTKISSEFNFILEICDNLHITTIPGNAFQGMNN ESVTLKLYGNGFEEVQSHAFNGTTLISLELKENIYLEKMHSGAFQGATGPSILDISSTKLQALPSHGLESIQTLIA LSSYSLKTLPSKEKFTSLLVATLTYP SHCCAFRNLPKKEQNF SFSIFENFSKQCESTVRKADNETLYSAIFEENE LSGWDYDYGFCSPKTLQCAPEPDAFNPCEDIMG
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Receptor for lutropin-choriogonadotropic hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.

References

The lutropin,choriogonadotropin receptor is palmitoylated at intracellular cysteine residues.Zhu H., Wang H., Ascoli M.Mol. Endocrinol. 9:141-150(1995) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.