

# Recombinant Rattus norvegicus Lutropin-choriogonadotropic hormone receptor

Catalog No: #AP72650

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Package Size: #AP72650-1 20ug #AP72650-2 100ug #AP72650-3 1mg

## Description

Product Name	Recombinant Rattus norvegicus Lutropin-choriogonadotropic hormone receptor
Brief Description	Recombinant Protein
Host Species	Yeast
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
Uniprot	P16235
GeneID	25477;
Calculated MW	39.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	RELSGSRCPPEPCDCAPDGALRCPGPRAGLARLSLTYLPVKVIPSQAFRGLNEVVKIEISQSDSLERIEANAFDN LLNLSELLIQNTKNLLYIEPGAFTNLPRLKYLKICNTGIRTLPDVTKISSSEFNFILEICDNLHITTIPGNAFQGMNN ESVTLKLYGNGFEEVQSHAFNGTTLISLELKENIYLEKMHSGAFQGATGPSILDISSTKLQALPSHGLESIQTLIA LSSYSLKTLPSKEKFTSLLVATLTYPHCCAFRNLPKKEQNFSSIFENFSKQCESTVRKADNETLYSAIFEENE 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

Intronic nature of the rat luteinizing hormone receptor gene defines a soluble receptor subspecies with hormone binding activity.Tsai-Morris C.H., Buczko E., Wang W., Dufau M.L.J. Biol. Chem. 265:19385-19388(1990)Research Topic:Others

Note: This product is for in vitro research use only