

Product Information

MemDX™ Membrane Protein Human FSHR (Follicle stimulating hormone receptor) Full Length

Cat. No.: **MPC0324K**

This product is for research use only and is not intended for diagnostic use.

This product is a 78.2 kDa Human FSHR membrane protein expressed in Baculovirus/Insect expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

FSHR

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

78.2 kDa

TMD

7

Sequence

MAALLVSLLAFLSLGSGCHHRICHCSNRVFLCQESKVTEIPSDLPRNAIE
LRFVLTKLRVIQKGAFSGFGDLEKIEISQNDVLEIEADVFSNLPKLHEI
RIEKANNLLYINPEAFQNLPNLQYLLISNTGIKHLPDVHKIHSQKVLDD
IQDNINIHTIERNSTFVGLSFESVILWLNKNGIQEIHNCAFNGTQLDELNL
SDNNNLEELPNDVFHFGASGPVILDISRTIRHSLPSYGLENLKKLRARSTY
NLKKLPTEKLVALMEASLTYPSSHCCAFANWRRQISELHPICNKSILRQE
VDYMTQARGQRSSLAEDNESSYSRGFDMTYTEFDYDLCNEVVVDVTCSPKP
DAFNPCEDIMGYNILRVLIWFISILAITGNIIVLVILTTSQYKLTVPFL
MCNLAFADLCIGIYLLLIASVDIHTKSQYHNYAIDWQTGAGCDAAGFFTV
FASELSVYTLTAITLERWHTITHAMQLDCKVQLRHAASVMVMGWIFAFAA
ALFPIFGISSYMKVSIKLPMDIDSPLSQLYVMSLLVLNVLAFFVICGCI
HIYLTVRNPNISSSDTRIAKRMAMLIFTDFLCMAPISSFAISASLKVP
LITVSKAKILLVLFHPINSCANPFLYAIFTKNFRDRDFILLSKCGCYEMQ
AQIYRTETSSTVHNTHPRNGHCSSAPRVNTGSTYILVPLSHLAQN

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Flag tag at N-terminal

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

FSHR

Full Name

Follicle stimulating hormone receptor

Introduction

The protein encoded by this gene belongs to family 1 of G-protein coupled receptors. It is the receptor for follicle stimulating hormone and functions in gonad development. Mutations in this gene cause ovarian dysgenesis type 1, and also ovarian hyperstimulation syndrome. Alternative splicing results in multiple transcript variants.

Alternative Names

LGR1; ODG1; FSHR1; FSHRO; follicle-stimulating hormone receptor; FSH receptor; follitropin receptor; FSHR; Follicle stimulating hormone receptor

Gene ID

[2492](#)

UniProt ID

[P23945](#)