

Product Information

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

Antibody Discovery

Cat. No.: **MP1352J**

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

This product is a 43.9 kDa Human FSHR membrane protein expressed in E.coli. 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

Partial (18-366aa)

Protein Class

GPCR

Molecular Weight

43.9 kDa

Sequence

CHHRICHCSNRVFLCQESKVTEIPSDLPRNAIELRFVLTKLRVIQKGAFSGFGDLEKIEISQNDVLEVIEADVFSNLPKLHEIRIEKANNL

Product Description

Expression Systems

E.coli

Tag

N-6xHis

Form

Liquid or Lyophilized powder

Reconstitution

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).

Purity

>90% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Store at +4°C for up to one week or several months at -80°C

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

Follicle stimulating hormone receptor; Follicle stimulating hormone receptor isoform 1; Follicle-stimulating hormone receptor; Follitropin receptor; FSH receptor; FSH-R; Fshr; FSHR_HUMAN; FSHRO; LGR1; MGC141667; MGC141668; ODG1; ovarian dysgenesis 1

Gene ID

[2492](#)

UniProt ID

[P23945](#)