

Product Information

MemDX™ Membrane Protein Human KISS1R (KISS1 receptor) Full Length

Cat. No.: **MPC0332K**

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

This product is a 42.5 kDa Human KISS1R 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

KISS1R

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

42.5 kDa

TMD

7

Sequence

MHTVATSGPNASWGAPANASGCPGCGANASDGPVPSRAVDWLVLFFA
ALMLLGLVGNLSVIYVICRHKPMRTVTNFIYIANLAATDVTFLCCVPFTA
LLYPLPGWVLGDFMCKFVNYIQVSVQATCATLTAMSVDRWYVTVFPLRA
LHRRTPRLALAVSLSIWVGSAAVSAPVLALHRLSPGPRAYCSEAFPSRAL
ERAFALYNLLALYLLPLLATCACYAAMLRLGRVAVRPAPADSALQGQVL
AERAGAVRAKVSRLVAADVLLFAACWGPIQLFLVLQALGPAGSWHPRSYA
AYALKTWAHCMSYSNSALNPLLYAFLGSHFRQAFFRVCPAPRRPRRPRR
PGPSDPAAPHAELLRLGSHPPAPARAQKPGSSGLAARGLCVLGEDNAPL

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

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**

KISS1R

Full Name

KISS1 receptor

Introduction

The protein encoded by this gene is a galanin-like G protein-coupled receptor that binds metastin, a peptide encoded by the metastasis suppressor gene KISS1. The tissue distribution of the expressed gene suggests that it is involved in the regulation of endocrine function, and this is supported by the finding that this gene appears to play a role in the onset of puberty. Mutations in this gene have been associated with hypogonadotropic hypogonadism and central precocious puberty.

Alternative Names

HH8; CPPB1; GPR54; AXOR12; KISS-1R; HOT7T175; kiSS-1 receptor; G protein-coupled receptor 54; G-protein coupled receptor OT7T175; hypogonadotropin-1; kisspeptins receptor; metastin receptor; KISS1R; KISS1 receptor

Gene ID

[84634](#)

UniProt ID

[Q969F8](#)