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Product Information

MemDX™ Membrane Protein Human PROKR1 (Prokineticin receptor 1) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX3524K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human PROKR1 membrane protein expressed *in vitro E.coli* 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
PROKR1

Protein Length
Full Length

Protein Class
GPCR

TMD
7

Sequence
METTMGFMDDNATNTSTSFLSVLNPHGAHATSFPFNFSYSDYDMPLDEDEDVTNSRTFFAAKIVIGMALVGIMLVCGIGNFIFIAALV

Product Description

Expression Systems
in vitro E.coli expression system

Tag
10xHis tag at the N-terminus

Protein Format
Soluble

Form
Liquid or Lyophilized powder

Buffer

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

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

PROKR1

Full Name

Prokineticin receptor 1

Introduction

This gene encodes a member of the G-protein-coupled receptor family. The encoded protein binds to prokineticins (1 and 2), leading to the activation of MAPK and STAT signaling pathways. Prokineticins are protein ligands involved in angiogenesis and inflammation. The encoded protein is expressed in peripheral tissues such as those comprising the circulatory system, lungs, reproductive system, endocrine system and the gastrointestinal system. The protein may be involved in signaling in human fetal ovary during initiation of primordial follicle formation. Sequence variants in this gene may be associated with recurrent miscarriage.

Alternative Names

PROKR1; ZAQ; PKR1; GPR73; PK-R1; GPR73a; G protein-coupled receptor 73; G protein-coupled receptor ZAQ; Prokineticin receptor 1

Gene ID

10887

UniProt ID

Q8TCW9