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Product Information

NativeExtract™ Human PROKR1 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX392**
This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human PROKR1 protein in native nanodisc form. The synthetic compound we developed can solubilize the PROKR1 protein from membrane while retaining the native structure.

Product Specifications

Host Species
Human

Target Protein
PROKR1

Protein Length
Full length

Molecular Weight
44.8 kDa

Sequence
Accession # Q8TCW9

Product Description

Activity
Yes

Application
ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems
HEK293 expression system

Tag
Flag tag at the C-terminus

Protein Format
Native Nanodisc

Form
Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

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

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

Gene ID

10887

UniProt ID

Q8TCW9

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