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Product Information

Recombinant Anti-Human prok2 Antibody Fab Fragment

Cat. No.: **MOM-18295-F(E)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment specifically binds to Human PROK2, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

May function as an output molecule from the suprachiasmatic nucleus (SCN) that transmits behavioral circadian rhythm. May also function locally within the SCN to synchronize output. Potently contracts gastrointestinal (GI) smooth muscle.

Specific Activity

Tested positive against native antigen.

Target

PROK2

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

CHO

Purity

>95.0% as determined by analysis by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

ANTIGEN GENE INFOMATION

Gene Name

PROK2 prokineticin 2 [Homo sapiens]

Official Symbol

PROK2

Synonyms

PROK2; prokineticin 2; prokineticin-2; BV8; KAL4; MIT1; PK2; protein Bv8 homolog

Gene ID

60675

mRNA Refseq

NM_001126128

Protein Refseq

NP_001119600

MIM

607002

UniProt ID

Q9HC23

Chromosome Location

3p21.1

Pathway

Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;

Function

G-protein coupled receptor binding;

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