

Product Information

Recombinant Anti-Human prok2 Antibody scFv Fragment

Cat. No.: **MOM-18295-S(P)**

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

Product Overview

Recombinant Mouse Antibody scFv Fragment is directed against Human PROK2, expressed in E. coli

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

scFv

Expression Host

E. coli

Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

ANTIGEN GENE INFORMATION

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;