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Product Information

MemDX™ Membrane Protein Human BPIFA2 (BPI fold containing family A member 2)

Expressed *in vitro E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX0977K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human BPIFA2 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
BPIFA2

Protein Length
Full Length of Mature Protein

Protein Class
Receptor

Molecular Weight
25.1kDa

Sequence
ESLLDNLGNDLSNVVDKLEPVLHEGLETVDNTLKGILEKLKVDLGVLQKSSAWQLAKQKAQEAEKLLNNVISKLLPTNTDIFGLKISNS

Product Description

Expression Systems
in vitro E.coli expression system

Tag
Tag free

Protein Format
Soluble

Form
Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE.

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

BPIFA2

Full Name

BPI fold containing family A member 2

Introduction

This gene encodes a member of the palate, lung and nasal epithelium clone (Plunc) family of proteins. Members of this family have been proposed to play a role in the local antibacterial response in nose, mouth and upper respiratory pathways. The encoded soluble salivary protein binds bacterial lipopolysaccharide (LPS) and inhibits bacterial growth. This gene is present in a gene cluster on chromosome 20. Alternative splicing results in multiple transcript variants.

Alternative Names

BPIFA2; PSP; SPLUNC2; C20orf70; bA49G10.1; parotid secretory protein; short palate, lung and nasal epithelium carcinoma-associated protein 2; BPI fold containing family A member 2

Gene ID

140683

UniProt ID

Q96DR5