

Product Information

MemDX™ Membrane Protein Human PIBF1 (Progesterone immunomodulatory binding factor)

1) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX0973K**

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

This product is a Human PIBF1 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

PIBF1

Protein Length

Full Length

Protein Class

Immunity

Molecular Weight

94.8kDa

Sequence

MSRKISKESKKVNISSSLESEDISLETTVPTDDISSEEREGKVRITRQLIERKELLHNIQLLKIELSQKTMMIDNLKVDYLTKEELEEKI

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus, Myc tag at the C-terminus

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

PIBF1

Full Name

Progesterone immunomodulatory binding factor 1

Introduction

This gene encodes a protein that is induced by the steroid hormone progesterone and plays a role in the maintenance of pregnancy. The encoded protein regulates multiple facets of the immune system to promote normal pregnancy including cytokine synthesis, natural killer (NK) cell activity, and arachidonic acid metabolism. Low serum levels of this protein have been associated with spontaneous pre-term labor in humans. This protein may promote the proliferation, migration and invasion of glioma.

Alternative Names

PIBF1; PIBF; CEP90; JBTS33; C13orf24; progesterone-induced-blocking factor 1; centrosomal protein of 90 kDa; Progesterone immunomodulatory binding factor 1

Gene ID

[10464](#)

UniProt ID

[Q8WXW3](#)