

Product Information

MemDX™ Membrane Protein Human SHISA3 (Shisa family member 3) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX3748K**

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

This product is a Human SHISA3 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

SHISA3

Protein Length

Full Length of Mature Protein

Protein Class

Receptor

TMD

1

Sequence

QQSGEYCHGWVDVQGNHYHEGFQCPEDFDTLATICCGSCALRYCCAAADARLEQGGCTNDRRELEHPGITAQPVYVPFLIVGSIF

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

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

SHISA3

Full Name

Shisa family member 3

Introduction

This gene encodes a single-transmembrane protein which is one of nine members of a family of transmembrane adaptors that modulate both WNT and FGF signaling by blocking the maturation and transport of their receptors to the cell surface. Members of this family contain an N-terminal cysteine-rich domain with a distinct cysteine pattern, a single transmembrane domain, and a C-terminal proline-rich, low complexity region. The encoded protein acts as a tumor suppressor by accelerating beta-catenin degradation.

Alternative Names

SHISA3; hShisa3; protein shisa-3 homolog; shisa homolog 3; Shisa family member 3

Gene ID

[152573](#)

UniProt ID

[A0PJX4](#)