

Product Information

MemDX™ Membrane Protein Human LRIT3 (Leucine rich repeat, Ig-like and transmembrane domains 3) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1969K**

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

This product is a Human LRIT3 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

LRIT3

Protein Length

Full Length

Protein Class

Receptor

TMD

1

Sequence

MDMNELPTNLPVDTVKLRIEKTVIRRISAEAFYYLVELQYLWVTYNSVASIDPSSFYNLKQLHELRLDGNSLAAFPWASLLDMPLLRT

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

LRIT3

Full Name

Leucine rich repeat, Ig-like and transmembrane domains 3

Introduction

This gene encodes a protein that has a fibronectin type III domain and a C-terminal transmembrane domain, as well as a leucine-rich repeat domain and immunoglobulin-like domain near the N-terminus. The encoded protein may regulate fibroblast growth factor receptors and affect the modification of these receptors, which are glycosylated differently in the Golgi and endoplasmic reticulum. Mutations in this gene are associated with congenital stationary night blindness, type 1F.

Alternative Names

LRIT3; CSNB1F; FIGLER4; leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 3; fibronectin type III, immunoglobulin and leucine rich repeat domains 4; leucine-rich repeat, immunoglobulin-like and transmembrane domains 3; Leucine rich repeat, Ig-like and transmembrane domains 3

Gene ID

[345193](#)

UniProt ID

[Q3SXY7](#)