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Product Information

MemDX™ Membrane Protein Human LRIT3 (Leucine rich repeat, Ig-like and transmembrane domains 3) Full Length

Cat. No.: **MPC1283K**
This product is for research use only and is not intended for diagnostic use.

This product is a 74.7 kDa Human LRIT3 membrane protein expressed in HEK293. 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
Transporter

Molecular Weight
74.7 kDa

TMD
1

Sequence
MHLFACLCIVLSFLEGVGCLCPSQCTCDYHGRNDGSGSRLVLCNDMDMNE
LPTNLPVDTVKLRIEKTVIRRISAEAFYYLVELQYLWVTYNSVASIDPSS
FYNLKQLHELRLDGNSLAAFPWASLLDMPLLRTLDLHNNKITSVPNEALR
YLKNLAYLDLSSNRLTTLPPDFLESWTHLVSTPSGVLDLSPSRIILGLQD
NPWFCDCHISKMIELSKVVDPAIVLLDPLMTCSEPERLTGILFQRAELEH
CLKPSVMTSATKIMSALGSNVLLRCDATGFPTPQITWTRSDSSPVNYTVI
QESPEEGVRWSIMSLTGISSKDAGDYKCKAKNLAGMSEAVVTVTVLGITT
TPIPPDTSERTGDHPEWDVQPGSGRSTSVSSASSYLWSSSFSPTSSFSAS
TLSPPSTASFSLSPFSSSTVSSTTTLSTSISASTTMANKRSFQLHQGGKR
NLKVAKNGSKLPPASTSKKEELALLDQTMLTETNAAIENLRVVSETKESV
TLTWNMINTTHNSAVTVLYSKYGGKDLLLLNADSSKNQVTIDGLEPGGQY
MACVCPKGVPPQKDQCITFSTERVEGDDSQWSLLLVVTSTACVVILPLIC
FLLYKVCKLQCKSEPFWEDDLAKETYIQFETLFPRSQSVGELWTRSHRDD
SEKLLLCSRSSVESQVTFKSEGSRPEYYC

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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