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Product Information

MemDX™ Membrane Protein Human LRTOMT (Leucine rich transmembrane and O-methyltransferase domain containing) Full Length

Cat. No.: **MPC1616K**
This product is for research use only and is not intended for diagnostic use.

This product is a 32.1 kDa Human LRTOMT 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
LRTOMT

Protein Length
Full length

Protein Class
Transferase

Molecular Weight
32.1 kDa

TMD
1

Sequence
MGTPWRKRKGIAGPGLPDLSCALVLQPRAQVGTMSPAIALAFLPLVVTLL
VRYRHYFRLLVRTVLLRSLRDCLSGLRIEERAFSYVLTHALPGDPGHILT
TLDHWSSRCEYLSHMGPVKGQILMRLVEEKAPACVLELGTYCGYSTLLIA
RALPPGGRLLTVERDPRTAAVAEKLIRLAGFDEHMVELIVGSSEDVIPCL
RTQYQLSRADLVLLAHRPRCYLRDLQLLEAHALLPAGATVLADHVLFPGA
PRFLQYAKSCGRYRCRLHHTGLPDFPAIKDGIAQLTYAGPG

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

LRTOMT

Full Name

Leucine rich transmembrane and O-methyltransferase domain containing

Introduction

This locus represents naturally occurring readthrough transcription between the neighboring LRRC51 (leucine-rich repeat containing 51) and TOMT (transmembrane O-methyltransferase) genes on chromosome 11. The readthrough transcript encodes a fusion protein that shares sequence identity with each individual gene product. Multiple reports implicate mutations in this gene in nonsyndromic deafness.

Alternative Names

LRTOMT; DFNB63; LRRC51; CFAP111; transmembrane O-methyltransferase; leucine rich transmembrane and 0-methyltransferase domain containing; Leucine rich transmembrane and O-methyltransferase domain containing

Gene ID

220074

UniProt ID

Q8WZ04