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Product Information

MemDX™ Membrane Protein Human LRRN2 (Leucine rich repeat neuronal 2) Full Length

Cat. No.: **MPC3901K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human LRRN2 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
LRRN2

Protein Length
Full length

Protein Class
Receptor

TMD
1

Sequence
MRLLVAPLLLAWVAGATAAVPVVPWHVPCPPQCACQIRPWYTPRSSYREA
TTVDCNDLFLTAVPPALPAGTQTLLLQSNSIVRVDQSELGYLANLTELDL
SQNSFSDARDCDFHALPQLLSLHLEENQLTRLEDHSFAGLASLQELYLNH
NQLYRIAPRAFSGLSNLLRLHLNSNLLRAIDSRWFEMLPNLEILMIGGNK
VDAILDMNFRPLANLRSLVLAGMNLREISDYALEGLQSLESLSFYDNQLA
RVPRRALEQVPGLKFLDLNKNPLQRVGPGDFANMLHLKELGLNNMEELVS
IDKFALVNLPELTKLDITNNPRLSFIHPRAFHHLPQMETLMLNNNALSAL
HQQTVESLPNLQEVGLHGNPIRCDCVIRWANATGTRVRFIEPQSTLCAEP
PDLQRLPVREVPFREMTDHCLPLISPRSFPPSLQVASGESMVLHCRALAE
PEPEIYWVTPAGLRLTPAHAGRRYRVYPEGTLELRRVTAEEAGLYTCVAQ
NLVGADTKTVSVVVGRALLQPGRDEGQGLELRVQETHPYHILLSWVTPPN
TVSTNLTWSSASSLRGQGATALARLPRGTHSYNITRLLQATEYWACLQVA
FADAHTQLACVWARTKEATSCHRALGDRPGLIAILALAVLLLAAGLAAHL
GTGQPRKGVGGRRPLPPAWAFWGWSAPSVRVVSAPLVLPWNPGRKLPRSS
EGETLLPPLSQNS

Product Description

Expression Systems
HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

LRRN2

Full Name

Leucine rich repeat neuronal 2

Introduction

The protein encoded by this gene belongs to the leucine-rich repeat superfamily. This gene was found to be amplified and overexpressed in malignant gliomas. The encoded protein has homology with other proteins that function as cell-adhesion molecules or as signal transduction receptors and is a candidate for the target gene in the 1q32.1 amplicon in malignant gliomas. Two alternatively spliced transcript variants encoding the same protein have been described for this gene.

Alternative Names

LRRN2; GAC1; LRRN5; LRANK1; FIGLER7; leucine-rich repeat neuronal protein 2; fibronectin type III, immunoglobulin and leucine rich repeat domain 7; glioma amplified on chromosome 1 protein; leucine rich and ankyrin repeats 1; leucine rich repeat neuronal 5; leucine-rich repeat neuronal protein 5; Leucine rich repeat neuronal 2

Gene ID

10446

UniProt ID

O75325

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