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Datasheet for ABIN7318720

LRRN2 Protein (His tag)



Overview

Quantity:	50 µg
Target:	LRRN2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRRN2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human LRRN2 Protein (His Tag)
Sequence:	Cys34-Arg422
Characteristics:	Recombinant Human Leucine-Rich Repeat Transmembrane Neuronal Protein 2 is produced by our Mammalian expression system and the target gene encoding Cys34-Arg422 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	LRRN2
Alternative Name:	LRRN2 (LRRN2 Products)
Background:	Background: Leucine-Rich Repeat Transmembrane Neuronal Protein 2 (LRRTM2) is a single-
	pass type I membrane protein that belongs to the LRRTM family. It contains ten LRR (leucine-

Target Details

rich) repeats, one LRRCT domain, and one LRRNT domain. LRRTM2 is expressed in neuronal tissues, and it interacts with DLG4 and NRXN1. LRRTM2 has been suggested to be involved in the development and maintenance of excitatory synapses in the vertebrate nervous system. LRRTM2 also regulates the surface expression of AMPA receptors. LRRTM2 acts as a ligand for the presynaptic receptors NRXN1-A and NRXN1-B.

Synonym: Leucine-Rich Repeat Transmembrane Neuronal Protein 2, Leucine-Rich Repeat Neuronal 2 Protein, LRRTM2, KIAA0416, LRRN2

Molecular Weight:

45.6 kDa

UniProt:

043300

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted
	samples are stable at < -20°C for 3 months.