

Recombinant Human Leucine-Rich Repeat-Containing Protein 2/LRRN2 Protein(C-6His)

Cat.NO.: TP06030

3th Edition

Synonyms:Leucine-Rich Repeat Transmembrane Neuronal Protein 2; Leucine-Rich Repeat Neuronal 2 Protein; LRRTM2; KIAA0416; LRRN2

Description: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-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.

Form:PBS

Molecular Weight:45.6 kDa

Sequences:Cys34-Arg422

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.