

## 32-9292: Recombinant Human Leucine-Rich Repeat-Containing Protein 2/LRRN2 (C-6His)

**Alternative Name :** Leucine-Rich Repeat Transmembrane Neuronal Protein 2, Leucine-Rich Repeat Neuronal 2 Protein, LRRTM2, KIAA0416, LRRN2

### Description

Source : Human Cells;

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.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

**Amino Acid :** Recombinant Human LRRTM2 is produced by our Mammalian expression system and the target gene encoding Cys34-Arg422 is expressed with a 6His tag at the C-terminus.