

## Recombinant Human LRRN2, His-tagged

**Cat. No.** LRRN2-29432TH    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant fragment, corresponding to amino acids 333-549 of Human LRRN5 with N terminal His tag; MWt 25 kDa.                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 333-549 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | 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. |
| <b>Conjugation</b>      | HIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | Lyophilised:Reconstitute with 115 µl aqua dest.                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage buffer</b>   | Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                         |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Sequences of amino acids**

HLPQMETLMLNNNALSALHQQTVESLPNLQEVGLHGNPIR CDCVIRWANATGTRVR  
 FIEPQSTLCAEPPDLQRLPVRE VPFREMTDHCLPLISPRSFPPSLQVASGESMVLHC  
 RAL AEPEPEIYWVTPAGLRLTPAHAGRRYRVYPEGTLELRRVTAAEEAGLYTCVAQN  
 LVGADTKTVSVVVGRRALLQPGRDEG QGLELRVQETHPYHILLSWVTPP

**GENE INFORMATION**

**Gene Name** [LRRN2 leucine rich repeat neuronal 2 \[ Homo sapiens \]](#)

**Official Symbol** [LRRN2](#)

**Synonyms** LRRN2; leucine rich repeat neuronal 2; leucine rich repeat neuronal 5 , LRRN5; leucine-rich repeat neuronal protein 2; fibronectin type III; immunoglobulin and leucine rich repeat domain 7; FIGLER7; GAC1; leucine rich and ankyrin repeats 1; LRANK1;

**Gene ID** [10446](#)

**mRNA Refseq** [NM\\_006338](#)

**Protein Refseq** [NP\\_006329](#)

**MIM** [605492](#)

**Uniprot ID** [O75325](#)

**Chromosome Location** 1q32.1

**Function** receptor activity;

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