

Recombinant Human LRRN2, His-tagged

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

SPECIFICATION

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

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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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