# LRRN5 (Human) Recombinant Protein (Q01)

Catalog #    H00010446-Q01        Size    25 ug, 10 ug

## Applications
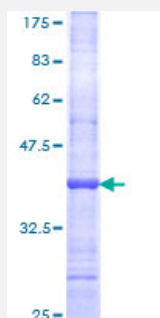


## Specification

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|---|---|
| **Product Description** | Human LRRN5 partial ORF ( NP_006329, 532 a.a. - 630 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Sequence** | RVQETHPYHILLSWVTPPNTVSTNLTWSSASSLRGQGATALARLPRGTHSYNITRLLQATEYWACL QVAFADAHTQLACVWARTKEATSCHRALGDRPG |
| **Host** | Wheat Germ (in vitro) |
| **Theoretical MW (kDa)** | 36.63 |
| **Interspecies Antigen Sequence** | Mouse (90); Rat (89) |
| **Preparation Method** | *in vitro* wheat germ expression system |
| **Purification** | Glutathione Sepharose 4 Fast Flow |
| **Quality Control Testing** | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| **Storage Instruction** | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| **Note** | Best use within three months from the date of receipt of this protein. |

# Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)

- Antibody Production

- Protein Array

# Gene Info — LRRN2

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|---|---|
| **Entrez GeneID** | 10446 |
| **GeneBank Accession#** | NM_006338 |
| **Protein Accession#** | NP_006329 |
| **Gene Name** | LRRN2 |
| **Gene Alias** | FIGLER7, GAC1, LRANK1, LRRN5 |
| **Gene Description** | leucine rich repeat neuronal 2 |
| **Omim ID** | 605492 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | 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. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000034222\|OTTHUMP00000035083\|OTTHUMP00000035084\|fibronectin type III, immunoglobulin and leucine rich repeat domain 7\|glioma amplified on chromosome 1\|leucine rich and ankyrin repeats 1\|leucine rich repeat neuronal 5 |

# Disease

- Tobacco Use Disorder