# Recombinant Human LRRC2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** LRRC2-2689H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | LRRC2 MS Standard C13 and N15-labeled recombinant protein (NP_078788) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| **Species** | Human |
| **Source** | HEK293 |
| **Description** | This gene encodes a member of the leucine-rich repeat-containing family of proteins, which function in diverse biological pathways. This family member may possibly be a nuclear protein. Similarity to the RAS suppressor protein, as well as expression down-regulation observed in tumor cells, suggests that it may function as a tumor suppressor. The gene is located in the chromosome 3 common eliminated region 1 (C3CER1), a 1.4 Mb region that is commonly deleted in diverse tumors. A related pseudogene has been identified on chromosome 2. |
| **Molecular Mass** | 42.8 kDa |
| **AA Sequence** | MGHKVVVFDISVIRALWETRVKKHKAWQKKEVERLEKSALEKIKEEWNFVAECRRK GIPQAVYCKNGFIDTSVRLLDKIERNTLTRQSSLPKDRGKRSSAFVFELSGEHWTEL PDSLKEQTHLREWYISNTLIQIIPTYIQLFQAMRILDLPKNQISHLPAEIGCLKNLKELNV GFNYLKSIPPELGDCENLERLDCSGNLELMELPFELSNLKQVTFVDISANKFSSVPIC VLRMSNLQWLDISSNNLTDLPQDIDRLEELQSFLLYKNKLTYLPYSMLNLKKLTLLVV SGDHLVELPTALCDSSTPLKFVSLMDNPIDNAQCEDGNEIMESERDRQHFDKEVMK |

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| | AYIEDLKERESVPSYTTKVSFSLQLTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| **Storage** | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| **Concentration** | 50 μg/mL as determined by BCA |
| **Storage Buffer** | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |

## GENE INFORMATION

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| **Gene Name** | LRRC2 leucine rich repeat containing 2 [ Homo sapiens (human) ] |
| **Official Symbol** | LRRC2 |
| **Synonyms** | LRRC2; leucine rich repeat containing 2; leucine-rich repeat-containing protein 2; |
| **Gene ID** | 79442 |
| **mRNA Refseq** | NM_024512 |
| **Protein Refseq** | NP_078788 |
| **MIM** | 607180 |
| **UniProt ID** | Q9BYS8 |

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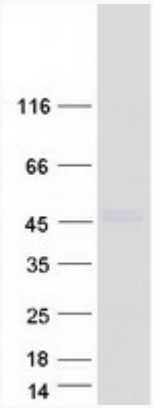
| **SDS-PAGE** |  |



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