

## Recombinant Human MGRN1 Protein, GST-tagged

**Cat. No.** MGRN1-5307H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Product Overview</b> | Human MGRN1 full-length ORF ( NP_056061.1, 1 a.a. - 576 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Mahogunin (MGRN1) is a C3HC4 RING-containing protein with E3 ubiquitin ligase activity in vitro.[supplied by OMIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 89.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | <p>MGSILSRRIAGVEDIDIQANSAYRYPPKSGNYFASHFFMGGEKFDTPHPEGYLFGEN</p> <p>MDLNFLGSRPVQFPYVTPAPHEPVKTLRSLVNIRKDSLRLVRYKDDADSPTEDGDKP</p> <p>RVLYSLEFTFDADARVAITICYQASEEFLNGRAVYSPKSPSLQSETVHYKRGVSQQF</p> <p>SLPSFKIDFSEWKDDELNFDLDRGVFPVVIQAVVDEGDVVEVTGHAHVLLAAFEKHM</p> <p>DGSFSVKPLKQKQIVDRVSYLLQEIYG IENKNNQETKPSDDENS DNSNECVVCLSDL</p> <p>RDTLILPCRHLCLCTSCADTLRYQANNCPICRLPFRALLQIRAVRKKPGALSPVSFSP</p> <p>VLAQSLEHDEHSCPFKKSKPHPASLASKKPKRETNSDSVPPGYEPISLLEALNGLRA</p> <p>VSPAIPSAPLYEEITYSGISDGLSQASCPLA AIDHILDSSRQKGRPQSKAPDSTLRSPS</p> <p>SPIHEEDEEKLSEDVDAPPPLGGAELALRESSSPESFITEEVDESSSPQQGTRAASIE</p> <p>NVLQDSSPEHCGRGPPADIYLPGRPTSMETAHGLATTSPWPPLGGPSPDPSSAAEL</p> <p>TPL</p> |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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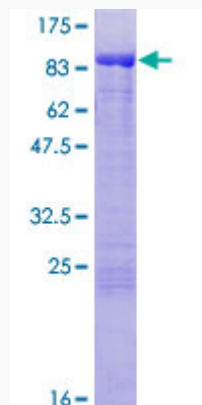
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                        |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                            |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                          |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                          |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>        | MGRN1 mahogunin ring finger 1, E3 ubiquitin protein ligase [ Homo sapiens ]                                                                                                                                                                       |
| <b>Official Symbol</b>  | MGRN1                                                                                                                                                                                                                                             |
| <b>Synonyms</b>         | MGRN1; mahogunin ring finger 1, E3 ubiquitin protein ligase; mahogunin, ring finger 1; E3 ubiquitin-protein ligase MGRN1; KIAA0544; RNF156; RING finger protein 156; mahogunin RING finger protein 1; probable E3 ubiquitin-protein ligase MGRN1; |
| <b>Gene ID</b>          | 23295                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>      | NM_001142289                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>   | NP_001135761                                                                                                                                                                                                                                      |
| <b>MIM</b>              | 607559                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>       | O60291                                                                                                                                                                                                                                            |

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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