

# Recombinant Human LRRC15 protein, His-Avi-tagged

**Cat. No.** LRRC15-066H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LRRC15 Protein is expressed from Expi293 with a His and Avi Tag at the C-terminal. It contains Tyr22-Gly538.                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Tyr22-Gly538                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | The chimeric protein binds in vitro and in vivo to a specific element upstream of LRRC15, leading to dramatic transcriptional activation. LRRC15 encodes a leucine-rich transmembrane protein, present at the leading edge of migrating cells, the expression of which in normal tissues is restricted to the invasive cytotrophoblast layer of the placenta; small interfering (siRNA)-mediated suppression of LRRC15 expression in breast cancer cells leads to abrogation of invasiveness in vitro. |
| <b>Form</b>             | Supplied as 0.22um filtered solution in PBS (pH 7.4).                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 60.7 kDa. Due to glycosylation, the protein migrates to 70-80 KDa based on Bis-Tris PAGE result.                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Endotoxin</b>        | Less than 1 EU per ug by the LAL method.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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**Storage** The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

## GENE INFORMATION

**Gene Name** [LRRC15](#)

**Official Symbol** [LRRC15](#)

**Synonyms** LIB, LRRC15

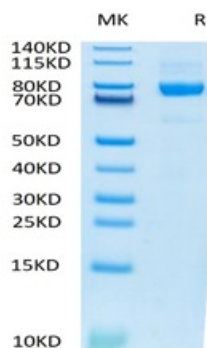
**Gene ID** [131578](#)

**mRNA Refseq** [NM\\_001135057.3](#)

**Protein Refseq** [NP\\_001128529.2](#)

**UniProt ID** [Q8TF66](#)

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LRRC15-066H**



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**SEC-HPLC of  
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