

## Recombinant Human LMBRD1 Protein, C-Myc/DDK-Tagged

Cat. No. LMBRD1-01H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LMBRD1 Protein, C-Myc/DDK-Tagged was expressed in HEK293T cell.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | This gene encodes a lysosomal membrane protein that may be involved in the transport and metabolism of cobalamin. This protein also interacts with the large form of the hepatitis delta antigen and may be required for the nucleocytoplasmic shuttling of the hepatitis delta virus. Mutations in this gene are associated with the vitamin B12 metabolism disorder termed, homocystinuria-megaloblastic anemia complementation type F. |
| <b>Molecular Mass</b>   | 61.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Store at -80°C.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                          |

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|                       |                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b> | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol                                                             |
| <b>Cytogenetics</b>   | 6q13                                                                                                             |
| <b>Refseq Size</b>    | 2308                                                                                                             |
| <b>Refseq ORF</b>     | 1620                                                                                                             |
| <b>Preparation</b>    | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |

## GENE INFORMATION

|                        |                                                                           |
|------------------------|---------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">LMBRD1 LMBR1 domain containing 1 [ Homo sapiens (human) ]</a> |
| <b>Official Symbol</b> | <a href="#">LMBRD1</a>                                                    |
| <b>Synonyms</b>        | C6orf209; LMBD1; MAHCF; NESI                                              |
| <b>Gene ID</b>         | <a href="#">55788</a>                                                     |
| <b>mRNA Refseq</b>     | <a href="#">NM_018368.4</a>                                               |
| <b>Protein Refseq</b>  | <a href="#">NP_060838.3</a>                                               |
| <b>MIM</b>             | <a href="#">612625</a>                                                    |
| <b>UniProt ID</b>      | <a href="#">Q9NUN5</a>                                                    |

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