

## Recombinant Mouse Kdelr1 Protein, Myc/DDK-tagged

**Cat. No.** Kdelr1-3678M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1 (Kdelr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.    |
| <b>Species</b>          | Mouse                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                            |
| <b>Description</b>      | Receptor for the C-terminal sequence motif K-D-E-L that is present on endoplasmic reticulum resident proteins and that mediates their recycling from the Golgi back to the endoplasmic reticulum. |
| <b>Molecular Mass</b>   | 24.6 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 centigrade after receiving vials.                                                                                                                                                    |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                  |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                             |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                     |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Kdelr1 KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1 [ Mus musculus (house mouse) ]                                                                                                                     |
| Official Symbol | Kdelr1                                                                                                                                                                                                                              |
| Synonyms        | Kdelr1; KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1; Erd2.1; AW215843; 8030486F04Rik; ER lumen protein-retaining receptor 1; KDEL endoplasmic reticulum protein retention receptor 1; KDEL receptor 1 |
| Gene ID         | 68137                                                                                                                                                                                                                               |
| mRNA Refseq     | NM_133950                                                                                                                                                                                                                           |
| Protein Refseq  | NP_598711                                                                                                                                                                                                                           |
| UniProt ID      | Q99JH8                                                                                                                                                                                                                              |

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