# Recombinant Mouse Chl1, Fc tagged

**Cat. No.** CHL1-220M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse Chl1 (Met1-Gln1027), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells. |
| **Species** | Mouse |
| **Source** | Human Cells |
| **ProteinLength** | 1-1027 a.a. |
| **Predicted N Terminal** | Ala 25 |
| **Form** | Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. |
| **Molecular Mass** | The recombinant mouse CHL1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 1244 amino acids and has a predicted molecular mass of 139.4 kDa. The apparent molecular mass of the protein is approximately 140 kDa in SDS-PAGE under reducing c |
| **Endotoxin** | < 1.0 eu per μg of the protein as determined by the LAL method. |
| **Purity** | >95 % as determined by SDS-PAGE |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70oC. |

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| **Storage** | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | Chl1 cell adhesion molecule with homology to L1CAM [ Mus musculus ] |
| **Official Symbol** | Chl1 |
| **Gene ID** | 12661 |
| **mRNA Refseq** | NM_007697 |
| **Protein Refseq** | NP_031723 |

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