

## Recombinant Mouse C4b protein(1448-1738aa), His-tagged

**Cat. No.** C4b-2921M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse C4b protein(P01029)(1448-1738aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1448-1738aa                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 39.0 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

EAPKVVEEQESRVQYTVCIWRNGKLGLSGMAIADITLLSGFHALRADLEKLTSLSDR  
 YVSHFETDGPHVLLYFDSVPTTREC VGFGASQEVVVGLVQPSSAVLYDYSPDHKC  
 SVFYAAPTKSQLLATLCSGDVCQCAEGKCPRLRLSERRVEDKDG YRMRFACYYP  
 VEYGFTVKVLREDGRAAFRLFESKITQVLHFRKDTMASIGQTRNFLSRASCRLRLEP  
 NKEYLIMGMDGETSDNKGDPQYLLDSNTWIEEMPSEQMCKSTRHRAACFQLKDFL  
 MEFSSRGCQV

**GENE INFORMATION**

**Gene Name** C4b complement component 4B (Chido blood group) [ *Mus musculus* ]

**Official Symbol** C4b

**Synonyms** C4B; complement component 4B (Chido blood group); complement C4-B;  
 complement component 4 (within H-2S); complement component 4B (Chido blood  
 group); C4; Ss;

**Gene ID** 12268

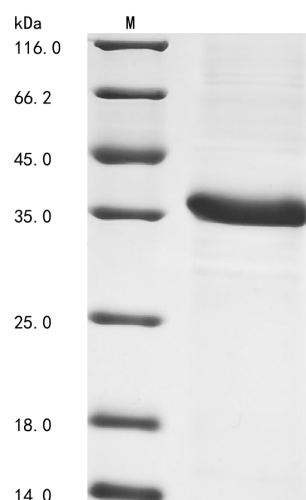
**mRNA Refseq** NM\_009780

**Protein Refseq** NP\_033910

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**SDS-PAGE**

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