

# Recombinant Mouse Crabp2 protein(Pro2-Glu138), His-tagged

**Cat. No.** Crabp2-4039M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse CRABP2 (P22935) (Pro 2-Glu 138) was expressed in E. coli, with a polyhistidine tag at the N-terminus.                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Pro2-Glu138                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant mouse CRABP2 consisting of 148 amino acids and has a calculated molecular mass of 17.1 kDa. rm CRABP2 migrates as an approximately 18 kDa band in SDS-PAGE under reducing conditions.                                           |
| <b>Purity</b>           | > 96 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |

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## GENE INFORMATION

|                 |                                                                                                                                                                               |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Crabp2 cellular retinoic acid binding protein II [ Mus musculus ]                                                                                                             |
| Official Symbol | Crabp2                                                                                                                                                                        |
| Synonyms        | CRABP2; cellular retinoic acid binding protein II; cellular retinoic acid-binding protein 2; CRABP-II; cellular retinoic acid-binding protein II; Crabp-2; CrabpII; A1893628; |
| Gene ID         | 12904                                                                                                                                                                         |
| mRNA Refseq     | NM_007759                                                                                                                                                                     |
| Protein Refseq  | NP_031785                                                                                                                                                                     |

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