# Recombinant Mouse Mc4r Full Length Transmembrane protein, His-tagged

**Cat. No.** Mc4r-292M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse Mc4r protein(P56450)(1-332aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system. |
| **Species** | Mouse |
| **Source** | E.coli |
| **ProteinLength** | 1-332aa |
| **Form** | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| **Molecular Mass** | 43.0 kDa |
| **AA Sequence** | MNSTHHHGMYTSLHLWNRSSYGLHGNASESLGKGHPDGGCYEQLFVSPEVFVTLG VISLLENILVIVAIAKNKNLHSPMYFFICSLAVADMLVSVSNGSETIVITLLNSTDTDAQS FTVNIDNVIDSVICSSLLASICSLLSIAVDRYFTIFYALQYHNIMTVRRVGIIISCIWAACT VSGVLFIIYSDSSAVIICLISMFFTMLVLMASLYVHMFLMARLHIKRIAVLPGTGTIRQGT NMKGAITLTILIGVFVVCWAPFFLHLLFYISCPQNPYCVCFMSHFNLYLILIMCNAVIDP LIYALRSQELRKTFKEIICFYPLGGICELSSRY |
| **Purity** | Greater than 85% as determined by SDS-PAGE. |

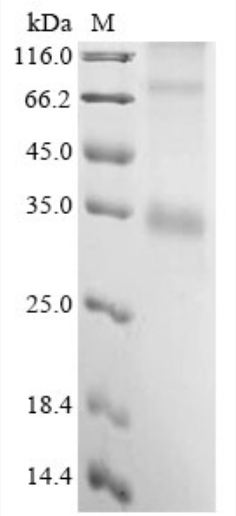
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| **Storage** | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

## GENE INFORMATION

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| **Gene Name** | Mc4r melanocortin 4 receptor [ Mus musculus ] |
| **Official Symbol** | Mc4r |
| **Synonyms** | MC4R; melanocortin 4 receptor; melanocortin receptor 4; MC4-R; Glu3; Fatboy; |
| **Gene ID** | 17202 |
| **mRNA Refseq** | NM_016977 |
| **Protein Refseq** | NP_058673 |

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| **SDS-PAGE** |  |



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