

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Mc4r protein(P56450)(1-332aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-332aa
<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>	43.0 kDa
<b>AA Sequence</b>	MNSTHHHGMYSLHLWNRSSYGLHGNASESLGKGHPDGGCYEQLFVSPEVFVTLG VISLLENILVIVAIAKNKLNHSPMYFFICSLAVADMLVSVSNGSETIVITLLNSTDTDAQS FTVNIDNVIDSVICSSLLASICSLLSIAVDRYFTIFYALQYHNIMTVRRVGIISCIWAACT VSGVLFIIYSDSSAVIICLISMFFTMLVLMASLYVHMFLMARLHIKRIAVLPGTGTIRQGT NMKGAITLTILIGVFVVCWAPFFLHLLFYISCPQNPYCVCFMSHFNLYLILIMCNAVIDP LIYALRSQELRKTFKEIICFYPLGGICELSSRY
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

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<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>	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

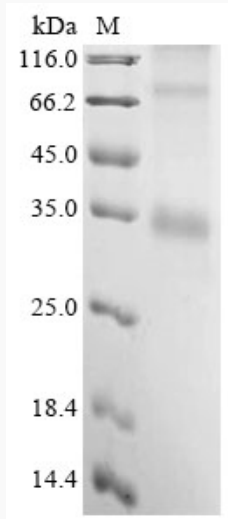
<b>Gene Name</b>	Mc4r melanocortin 4 receptor [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Mc4r
<b>Synonyms</b>	MC4R; melanocortin 4 receptor; melanocortin receptor 4; MC4-R; Glu3; Fatboy;
<b>Gene ID</b>	17202
<b>mRNA Refseq</b>	NM_016977
<b>Protein Refseq</b>	NP_058673

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**SDS-PAGE**



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