

# Recombinant Human MC4R protein, His&Flag-tagged

**Cat. No.** MC4R-1129HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human MC4R protein(NP_005903)(1-332 aa), fused with His and Flag tag, was expressed in HEK293.                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-332 aa                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution in PBS, pH7.4 with 10% glycerin as protectant.                                                                                                                                                                              |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                              |
| <b>Purity</b>           | >90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.                                                                                                                                                             |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied; 1 month, 2 to 8 °C under sterile conditions after reconstitution; 3 months, -20 to -70 °C under sterile conditions after reconstitution. |
| <b>Reconstitution</b>   | It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. It can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -   |

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20°C.

## GENE INFORMATION

|                 |                                                                                      |
|-----------------|--------------------------------------------------------------------------------------|
| Gene Name       | MC4R melanocortin 4 receptor [ Homo sapiens ]                                        |
| Official Symbol | MC4R                                                                                 |
| Synonyms        | MC4R; melanocortin 4 receptor; melanocortin receptor 4; MC4-R; MGC126851; MGC138197; |
| Gene ID         | 4160                                                                                 |
| mRNA Refseq     | NM_005912                                                                            |
| Protein Refseq  | NP_005903                                                                            |
| MIM             | 155541                                                                               |
| UniProt ID      | P32245                                                                               |

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