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Datasheet for ABIN1330308

## MC4R Protein

### Overview

|               |                            |
|---------------|----------------------------|
| Quantity:     | 2 µg                       |
| Target:       | MC4R                       |
| Origin:       | Human                      |
| Source:       | Wheat germ                 |
| Protein Type: | Recombinant                |
| Application:  | Affinity Purification (AP) |

### Product Details

|                  |   |
|------------------|---|
| Purpose:         | MC4R (Human) Recombinant Protein  |
| Sequence:        | MVNSTHRGMH TSLHLWNRSS YRLHSNASES LGKGYSDGGC YEQLFVSPEV FVTLGVISLL<br>ENILVIVAIA KNKNLHSPMY FFICSLAVAD MLVSVSNGSE TIVITLLNST DTDACSFTVN<br>IDNVIDSVIC SLLASICSL LSIADVRYFT IFYALQYHNI MTVKRVGIII SCIWAACTVS GILFIIYSDS<br>SAVIICLITM FFTMLALMAS LYVHMFLMAR LHIKRIAVLP GTGAIRQGAN MKGAILTLIL<br>IGVFVVCWAP FFLHLIFYIS CPQNPYCVCF MSHFNLYLIL IMCNSIIDPL IYALRSQELR KTFKEIICCY<br>PLGGLCDLSS RY |
| Characteristics: | Human MC4R full-length ORF (NP_005903.2) recombinant protein without tag.<br>This product is belong to Proteoliposome (PL).   |
| Purification:    | in vitro wheat germ expression system with proprietary liposome technology  |

### Target Details

|         |      |
|---------|------|
| Target: | MC4R |
|---------|------|

## Target Details

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|                   |  |
|-------------------|--|
| Alternative Name: | MC4R ( <a href="#">MC4R Products</a> )   |
| Background:       | Full Gene Name: melanocortin 4 receptor<br>Synonyms: MGC126851,MGC138197                                       |
| Gene ID:          | 4160   |
| NCBI Accession:   | <a href="#">NM_005912</a>  |
| Pathways:         | <a href="#">Hormone Transport</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Feeding Behaviour</a> |

## Application Details

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|                    |   |
|--------------------|---|
| Application Notes: | Heating may cause protein aggregation. Please do not heat this product before electrophoresis.  |
| Comment:           | Preparation method: in vitro, wheat germ expression system with proprietary liposome technology |
| Restrictions:      | For Research Use only   |

## Handling

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|                  |  |
|------------------|--|
| Format:          | Liquid   |
| Buffer:          | 25 mM Tris-HCl of pH 8.0 containing 2 % glycerol.                      |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing.                        |
| Storage:         | -80 °C   |
| Storage Comment: | Best use within three months from the date of receipt of this protein. |