

## Recombinant Mouse Agrp Protein, MYC/DDK-tagged

**Cat. No.** Agrp-553M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse agouti related neuropeptide (Agrp), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                            |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | This gene encodes a protein that regulates feeding behavior and plays a key role in the control of body weight. The encoded protein acts as an antagonist of melanocortin receptor signaling. Alternatively spliced transcript variants have been observed for this gene. |
| <b>Molecular Mass</b>   | 14.4 kDa                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                             |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                            |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                          |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                     |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                 |                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------|
| Gene Name       | <a href="#">Agrp agouti related neuropeptide [ Mus musculus (house mouse) ]</a>               |
| Official Symbol | <a href="#">Agrp</a>                                                                          |
| Synonyms        | Agrp; agouti related neuropeptide; Art; Agrt; agouti-related protein; orexigenic neuropeptide |
| Gene ID         | <a href="#">11604</a>                                                                         |
| mRNA Refseq     | <a href="#">NM_007427</a>                                                                     |
| Protein Refseq  | <a href="#">NP_031453</a>                                                                     |
| UniProt ID      | <a href="#">P56473</a>                                                                        |

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA