

## Product datasheet for **TP500748**

### Agrp (NM\_007427) Mouse Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Mouse agouti related neuropeptide (Agrp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug              |
| Species:                              | Mouse  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >MR200748 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | MLTAMLLSCVLLLLALPPTLGVQMGVAPLKGIRRPDQALFPEFPGLSLNGLKKTADRAEEVLLQKAEALA<br>EVLDPQNRESRSPRRCVRLHESCLGQVPPCCDPCATCYCRFFNAFCYCRKLGATNLCSRT               |
|                                       | <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV  |
| Tag:                                  | C-MYC/DDK  |
| Predicted MW:                         | 14.4 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:                              | Store at -80°C after receiving vials.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.        |
| RefSeq:                               | <u><a href="#">NP_031453</a></u>   |
| Locus ID:                             | 11604  |
| UniProt ID:                           | <u><a href="#">P56473</a></u> , <u><a href="#">Q3UU47</a></u>  |
| RefSeq Size:                          | 667  |
| Cytogenetics:                         | 8 D3   |
| RefSeq ORF:                           | 396  |



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**Synonyms:** Ag; Agrt; Art

**Summary:** 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. [provided by RefSeq, Nov 2012]