

## Active Recombinant Human AGRP

**Cat. No.** AGRP-890H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AGRP (Accession # O00253) Ser83-Thr132, fused with , was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser83-Thr132
<b>Predicted N Terminal</b>	Ser83
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to antagonize alpha -MSH-induced cAMP accumulation in HEK293 human embryonic kidney cells transfected with human Melanocortin-4 Receptor. Ollmann, M.M. et al. (1997) Science 278:135.The ED50 for this effect is typically 0.03-0.15 µg/mL in the presence of 10 ng/mL of alpha -MSH.
<b>Molecular Mass</b>	Recombinant Human AGRP has a calculated MW of 5.6 kDa.
<b>Purity</b>	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 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** [AGRP agouti related protein homolog \(mouse\) \[ Homo sapiens \]](#)**Official Symbol** [AGRP](#)**Synonyms** [AGRP](#); [agouti related protein homolog \(mouse\)](#); [agouti \(mouse\) related protein](#); [agouti-related protein](#); [Agrt](#); [ART](#); [ASIP2](#); [AGRT](#);**Gene ID** [181](#)**mRNA Refseq** [NM\\_001138](#)**Protein Refseq** [NP\\_001129](#)**MIM** [602311](#)**UniProt ID** [O00253](#)**Chromosome Location** [16q22](#) 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