

Active Recombinant Mouse Agrp

Cat. No. Agrp-588M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Agrp (Accession # NP_031453) Ser82-Thr131, fused with , was produced in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser82-Thr131
Predicted N Terminal	Ser82
Form	Lyophilized from a 0.2 μ filtered solution in PBS.
Bio-activity	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 0.025-0.15 μg/mL in the presence of 10 ng/mL of alpha -MSH.
Molecular Mass	Recombinant Mouse Agrp has a calculated MW of 5.7 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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  Fax: 1-631-938-8127

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

GENE INFORMATION

Gene Name	Agrp agouti related protein [Mus musculus]
Official Symbol	Agrp
Synonyms	AGRP; agouti related protein; agouti-related protein; orexigenic neuropeptide; Art; Agrt;
Gene ID	11604
mRNA Refseq	NM_007427
Protein Refseq	NP_031453
MIM	

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