

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).

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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	

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