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AGRP, 21-132aa, Human, His tag, E.coli

产品货号: TP01085

第三版

别名: Agouti-related protein, AGRT, ART, ASIP2

描述: AGRP, also known as agouti-related protein also called agouti-related peptide, is a neuropeptide produced in the brain by the AGRP/NPY neuron. It is only synthesised in NPY-containing cell bodies located in the ventromedial part of the arcuate nucleus in the hypothalamus. AGRP is co-expressed with Neuropeptide Y and works by increasing appetite and decreasing metabolism and energy expenditure. It is one of the most potent and long-lasting of appetite stimulators. Recombinant human AGRP, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl (pH 8.5) containing 20% glycerol, 1mM DTT.

分子量: 15.1kDa (137aa) confirmed by MALDI-TOF.

序列:

MGSSHHHHHSSGLVPRGSHMGSHMAQMGLAPMEGIRRPDQALLPELPGLGLRAPLKTTAEQAEEDLLQEAQALAEV
LDLQDREPRSSRRCVRLHESCLGQQVPCCDPCATCYCRFFNAFCYCRKLG TAMNPCSRT

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.