

Product datasheet

Obestatin ab120071

画像数 1

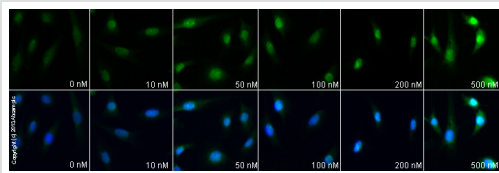
製品の概要

製品名	Obestatin
製品の詳細	Endogenous peptide involved in feeding
生理活性の詳細	Obestatin, a peptide encoded by the ghrelin gene that suppresses food intake. Binds to the orphan G-protein-coupled receptor GPR39.
精製度	> 95%

製品の特性

分子量	2516.80
構造式	Phe-Asn-Ala-Pro-Phe-Asp-Val-Gly-Ile-Lys-Leu-Ser-Gly-Ala-Gln-Tyr-Gln-Gln-His-Gly-Arg-Ala-Leu-NH ₂
分子式	C ₁₁₄ H ₁₇₄ N ₃₄ O ₃₁
CAS 番号	869705-22-6
配列	FNAPFDVGIKLSGAQYQQHGRAL (Modifications: C-terminal amide)
PubChem 登録番号	16186202
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in water
使用に関する注意	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
由来	Synthetic

画像



Functional Studies-Obestatin(ab120071)

ab7963 staining c-Fos in NIH 3T3 cells treated with obestatin (ab120071), by ICC/IF. Increase in c-Fos expression correlates with increased concentration of obestatin, as described in literature.

The cells were incubated at 37°C for 3h in media containing different concentrations of ab120071 (obestatin) in DMSO, fixed with 4% formaldehyde for 10 minutes at room temperature and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab7963** (5 µg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat anti-rabbit polyclonal antibody (**ab96899**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

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