

β -Melanocyte Stimulating Hormone (MSH), human

Cat. No.: RP10648

Overview

Synonyms	beta melanocyte stimulating hormone β -MSH, human
Description	Alpha-MSH (melanocyte stimulating hormone) has generally been assumed to be the endogenous ligand acting at the melanocortin-4 receptor (MC4-R), activation of which in the hypothalamus leads to reduced feeding. However, beta-MSH is also capable of activating MC4-R and inhibiting feeding. The researchers found that obese children are more likely to carry a rare variant of so-called beta-melanocyte-stimulating hormone (beta-MSH) than children of normal weight.
Cas No	17908-57-5
Sequence	{ALA}{GLU}{LYS}{LYS}{ASP}{GLU}{GLY}{PRO}{TYR}{ARG}{MET}{GLU}{HIS}{PHE}{ARG}{TRP}{GLY}{SER}{PRO}{PRO}{LYS}{ASP}
Sequence Shortening	AEKKDEGPYRMEHFRWGSPPKD
Molecular Formula	C ₁₁₈ H ₁₇₄ N ₃₄ O ₃₅ S ₁
Molecular Weight	2661.0

Properties

Purity	> 95%
Form	Lyophilized
Storage	Store the peptide at -20°C. Keep container tightly closed. Store in a cool dry place.