

**DATASHEET**

Version: 2016-08-18

 **$\beta$ -Melanocyte Stimulating Hormone (MSH), human****Cat. No.:** RP10648**Size:** 1 mg**Alias:** beta melanocyte stimulating hormone $\beta$ -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 (one-letter code):**

AEKKDEGPYRMEHFRWGSPPKD

**Sequence (three-letter code):**

{ALA}{GLU}{LYS}{LYS}{ASP}{GLU}{GLY}{PRO}{TYR}{ARG}{MET}{GLU}{HIS}{PHE}{ARG}{TRP}{GLY}{SER}{PRO}{PRO}{LYS}{ASP}

**Formula:** C<sub>118</sub>H<sub>174</sub>N<sub>34</sub>O<sub>35</sub>S<sub>1</sub>**Molecular Weight:** 2,661**Purity:** > 95%**Storage:**

Store the peptide at -20°C. Keep container tightly closed.

Store in a cool dry place.

**Note:**

\*For Non-Clinical Research Use Only \*

