

# MT I Recombinant Protein



RPPB1344

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## Product Information    Protein Information

### Product SKU:

RPPB1344

### Protein description:

Melanotan-I has the amino acid sequence of Ser-Tyr-Ser-Nle-Glu-His-D-Phe-Arg-Trp-Gly-Lys-Pro-Val and a molecular weight of 1647.4 Dalton.

### Appearance:

Sterile Filtered off-White lyophilized (freeze-dried) powder.

### Synonyms:

Melanotan-I, MT-I, Melanotan-1.

### Formulation:

The protein (1mg/ml) was lyophilized with no additives.

### Purity:

Greater than 98.0% as determined by RP-HPLC.

### Solubility:

It is recommended to reconstitute the lyophilized Melanotan-I in sterile 1% acetic acid not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

### Stability:

Lyophilized Melanotan-I although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MT-I should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.