

Sincalide Recombinant Protein



RPPB1372

Product Information Protein Information

Product SKU:

RPPB1372

Protein description:

Sincalide also called CCK-8 has a molecular formula of C₄₉H₆₂N₁₀O₁₆S₃ , H-Asp-Tyr(SO₃H)-Met-Gly-Trp-Met-Asp-Phe-NH₂ having an Mw of 1143.27 Dalton.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

The Sincalide was lyophilized from a concentrated (1mg/ml) solution with no additives.

Purity:

Greater than 99.0% as determined by RP-HPLC.

Solubility:

It is recommended to reconstitute the lyophilized Sincalide in sterile 18MΩ-cm H₂O at a concentration of 0.5mg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Sincalide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCK-8 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.