

## PRODUCT DATA SHEET

### Sincalide

**Cat. No.:** RP1782740001

**Size:** 1 mg

**Source:** Synthetic protein

**Type:** Synthetic protein

**Species:** Human

**Other Names:**

CCK8

**Description:**

Sincalide, a synthetic protein, also called CCK-8 has a molecular formula of C<sub>49</sub>H<sub>62</sub>N<sub>10</sub>O<sub>16</sub>S<sub>3</sub> having an Mw of 1143.29 Dalton.

**Amino Acid Sequence:**

H-Asp-Tyr(SO<sub>3</sub>H) - Met-Gly-Trp-Met-Asp-Phe-NH<sub>2</sub>

**Purity:**

Greater than 99.0% as determined by RP-HPLC.

**Formulation:**

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

**Reconstitution:**

It is recommended to reconstitute the lyophilized Sincalide in sterile 18MΩ-cm H<sub>2</sub>O at a concentration of 0.5mg/ml, which can then be further diluted to other aqueous solutions.

**Shipping:**

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

**Storage/Stability:**

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated Lyophilized Sincalide although stable at room temperature for 3 weeks, should be stored below -18°C. Upon reconstitution CCK-8 should be stored at 4°C between 2-7 days and for future use below -18°C. Avoid freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

**Quality Control:**

Greater than 99.0% as determined by RP-HPLC.

**Note:**

This product is intended for research use only.