[ PROPERTIES ]

Source: Protein Conjugation

Original Structure:

![Chemical Structure Image]

Original Chemical Formula: $C_{15}H_{11}O_{4}I_{4}N$

Original Mol. Mass: 776.9Da

Purity: >90%

Traits: Freeze-dried powder.

Buffer Formulation: PBS, pH7.4.

Applications: Immunogen; Coating Antigen; ELISA; SDS-PAGE.

[ USAGE ]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[ IDENTIFICATION ]

**Figure 1. SDS-PAGE**

**Figure 2. UV-spectrum**