



## **Recombinant Dengue Type 1 Envelope Protein**

**PRODUCT CODE :** CL 6213

**SHELF LIFE:** 24 months

**SOURCE :** This recombinant protein consists of amino acids 281 – 675 of polyprotein from the Dengue Type 1 Virus which was cloned into an insect expression vector

**PRESENTATION :** Frozen clear, yellowish or brownish liquid in 1X D-PBS buffer, pH 7.3

**PRESERVATIVE :** 0.1% Thimerosal, 5mM EDTA, 1 ug/ml Leupeptin, 1 ug/ml Aprotinin and 1 ug/ml Pepstatin A

**PURIFICATION METHOD :** The protein is purified by immobilised metal-chelate affinity chromatography

**PURITY :** 95% on 12.5% by SDS-PAGE. Single band visible at approximately 50kDa

**PROTEIN CONCENTRATION :**  $\geq 1$  mg/ml by Bradford dye-binding assay

**STORAGE :**  $\leq -20^{\circ}\text{C}$ . Avoid repeated freeze-thaw

**APPLICATION :** Potentially suitable for ELISA, western blotting or other immunoassay format

