



Recombinant Dengue Type 2 Envelope Protein

PRODUCT CODE : CL 6216

SHELF LIFE : 24 months

SOURCE : This recombinant protein consists of amino acids 281 – 675 of polyprotein from the Dengue Type 2 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 : $\geq 95\%$ on 12.5% by SDS-PAGE. Single band visible at approximately 50kDa

PROTEIN CONCENTRATION : ≥ 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

