Recombinant DENV (type 4, strain Philippines/H241/1956) Envelope protein, His-tagged

Cat. No. Envelope 4-585D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant DENV (type 4, strain Philippines/H241/1956) IL19 protein(AAX48017.1) (Thr579-Lys679) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	DENV(type 4, strain Philippines/H241/1956)
Source	Insect Cells
ProteinLength	579-679 aa
Form	Lyophilized from sterile 20mM Tris, 300mM NaCl, 10% Glycerol, pH 8.5.
Molecular Mass	The recombinant Dengue virus (DENV)(type 4, strain Philippines/H241/1956) Envelope consists of 112 amino acids and predicts a molecular mass of 12.41 kDa. It migrates as an approximately 13.77 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ₿/µl. Centrifuge the vial at 4°C before opening to recover the entire contents.

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