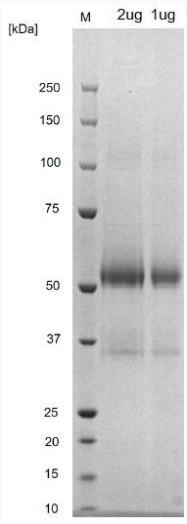
Recombinant DENV3 E Protein, His-tagged

Cat. No. E-05D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dengue virus serotype 3 E protein incorporating a C-terminal 6×His-tag expressed in mammalian HEK293 mammalian cells, at greater than 95% purity. DENV3 Envelope soluble domain, amino acids 279-677 with Gly6 linker and C-terminal His 6-tag, seperated from the protein by a Gly6 linker.
Species	DENV3
Source	HEK293
ProteinLength	279-677
Description	Dengue virus is a member of the flavivirus family, which includes Zika virus, West Nile virus and Japanese Encephalitis virus. Many of the proteins expressed by these viruses are very similar, and serological testing for these viruses can be complicated by problems of cross-reactivity. In this context, the use of highly purified antigens, that are glycosylated and folded as native proteins can be highly important in the development of accurate immunoassays.
Form	Liquid
Molecular Mass	55 kDa
Purity	> 95%
Storage	Short Term Storage: 2-8 centigrade

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	Long Term Storage: -80 centigrade Can be frozen, but avoid multiple freeze-thaw cycles. Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80 centigrade may result aggregate formation and/or degradation.
Concentration	0.18 mg/mL
Storage Buffer	20mM Tris-HCl, 185mM NaCl, pH7.8.
Shipping	Dry ice
SDS-PAGE	 Reducing SDS-PAGE gel showing purified Dengue virus serotype 3 Envelope protein. The protein migrates as a single band of approximately 55 kDa.

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