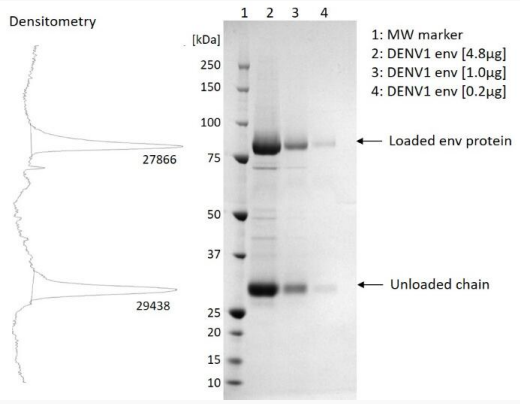
Recombinant DENV1 E Protein, Fc-tagged

Cat. No. E-02D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dengue virus serotype 1 E protein (amino-acids 281-677) with human heterodimeric Fc-tag, expressed in HEK293 cells. The transmembrane portion of the wildtype protein has been replaced with a glycine-serine linker coupled to human IgG1 Fc. The fusion protein was co-expressed with the corresponding unloaded human IgG1 Fc chain.
Species	DENV1
Source	HEK293
ProteinLength	281-677
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, Sterile filtered
Applications	ELISA, Western blotting and lateral flow assays.
Storage	Short term: 2-8 centigrade Long term: -80 centigrade

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	Can be frozen, but avoid multiple freeze/thaw cycles.
Concentration	0.49 mg/mL
Storage Buffer	PBS, pH 7.4
Shipping	Dry ice
SDS-PAGE	 SDS-PAGE showing purified recombinant envelope protein.

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