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**Recombinant Dengue p42  
VIRAL ANTIGEN**

**Catalog Number:** PRP-371  
**Quantity:** 100 micrograms, 500 micrograms, 1 milligram  
**Format:** PBS  
**Host:** *E. coli*

**Background:**

Multiple dengue epitopes were genetically designed and fused together specifically for lateral flow applications. This product can detect both dengue IgG and IgM with low background.

**Specificity and Preparation:**

Recombinant Dengue p42 antigen is a genetically engineered protein generated from dengue envelope protein, containing most dengue subtype epitopes. Recombinant Dengue p42 can detect dengue IgG and IgM from all four infected dengue virus subtypes. The protein is >95% pure as determined by 12% PAGE (coomassie staining).

**Usage and Storage:**

This product was specifically developed for dengue IgG/IgM lateral flow immunoassays. Store this product at 4°C if the entire vial is to be used within 2-4 weeks. Long term storage is at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

**To view protocol(s) for this and other products please visit: [www.ATSBio.com/support/protocols](http://www.ATSBio.com/support/protocols)**