

## Dengue 1 full length envelope Recombinant Protein

Dengue 4 full length envelope 45kDa

|                              |                       |                                            |
|------------------------------|-----------------------|--------------------------------------------|
| CATALOG #<br><b>AAA14644</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|------------------------------|-----------------------|--------------------------------------------|

### PRODUCT SYNONYMS

Dengue 1 full length envelope; Dengue 4 full length envelope 45kDa; Dengue 1 full length envelope recombinant protein

### PRODUCT SPECIFICATIONS

|                                                                               |                                                                                                                                                                  |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                                          | E Coli                                                                                                                                                           |
| Specificity                                                                   | >95% pure 12% PAGE (Coomassie staining)                                                                                                                          |
| Purity/Purification                                                           | >95% pure 12% PAGE (Coomassie staining)                                                                                                                          |
| Form/Format                                                                   | Purified, Liquid. Phosphate buffered saline with 25mM arginine (The buffer of this lot protein previously was with 1M urea, after redialysis, urea was removed.) |
| Concentration                                                                 | 0.80mg/ml (lot 03-2014) (varies by lot)                                                                                                                          |
| Applicable Applications for Dengue 1 full length envelope recombinant protein | ELISA, WB (Western Blot), IA (Immunoassay)                                                                                                                       |
| Preparation and Storage                                                       | Upon receipt, store at -20 degree C. Avoid multiple freeze/thaw cycles.                                                                                          |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                                                   |                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Dengue 1 full length envelope recombinant protein | Large size recombinant Dengue 4 envelope antigen is a 45 kDa peptide from 43 to 413 amino acids, this recombinant peptide contains important epitopes for dengue antibody recognition. This protein is fused with 6-His fusion partner at its C-terminus. |
| Product Categories/Family for Dengue 1 full length envelope recombinant protein   | <a href="#">Dengue Virus</a>                                                                                                                                                                                                                              |

### NCBI AND UNIPROT INFORMATION

|                  |       |
|------------------|-------|
| Molecular Weight | 45kDa |
|------------------|-------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.