

## Recombinant Influenza B (B/Florida/4/2006) HA2 Subunit protein, mFc-tagged

**Cat. No.** HA-2419I    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Influenza B (B/Florida/4/2006) HA2 Subunit protein(Gly 362-Ala 555)(ACA33493.1), termed as HA2, was expressed in HEK293, fused with the Fc region of mouse IgG1 at the N-terminus.                                                                                                                        |
| <b>Species</b>          | Influenza B                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 362-555 aa                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | The recombinant Influenza B virus (B/Florida/4/2006) HA2/mFc is a disulfide-linked homodimeric protein. The reduced monomer comprises 430 amino acids with the predicted molecular mass of 47.6 kDa. As a result of glycosylation, it migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                  |

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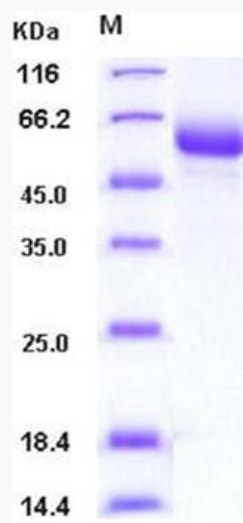
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## Reconstitution

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

## SDS-PAGE



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