

Recombinant Pan-species (General) E Protein, His-tagged

Cat. No. E-2756P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pan-species (General) E Protein (Ile1-Lys409) with a N-His tag was expressed in E. coli.
Species	Pan-species
Source	E.coli
ProteinLength	Ile1-Lys409
Description	The envelope (E) protein is one of the four structural proteins of coronaviruses. The other structural proteins are the membrane (M), nucleocapsid (N) and spike (S) proteins.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.3 kDa Accurate Molecular Mass: 48 kDa
Purity	> 95%
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
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Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
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Reconstitution	Reconstitute in PBS or others.
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GENE INFORMATION

Official Symbol	E
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Synonyms	Envelope Protein; E; E Protein; Zika Virus Envelope glycoprotein
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