

PRODUCT INFORMATION

Target IgHE **Synonyms** IgE

Recombinant human IGHE(106-427) Protein with **Description**

C-terminal 10×His tag

Delivery In Stock **Uniprot ID** P01854 **Expression Host HEK293**

Tag C-10×His tag

Molecular Characterization

Storage & Shipping

Background

Purity

IGHE(Ser106-Gly427) 10×His tag

The protein has a predicted molecular mass of 37.1 kDa after removal of the signal peptide. The apparent molecular mass of IGHE(106-427)-His is **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

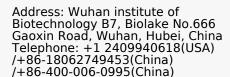
Enables immunoglobulin receptor binding activity. Involved in several processes, including B cell mediated immunity; Fc receptor-mediated immune complex endocytosis; and leukocyte degranulation. Located in extracellular space and

plasma membrane. Part of IgE B cell receptor complex. [provided by Alliance of Genome

Resources, Apr 2025]

Usage Research use only Conjugate Unconjugated







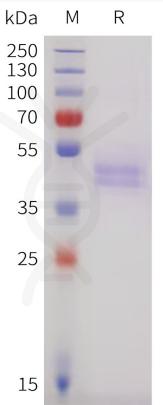


Figure 1. Human IGHE(106-427) Protein, His Tag on SDS-PAGE under reducing condition.