

PRODUCT INFORMATION

| | |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target | IgHE |
| Synonyms | IgE |
| Description | Recombinant human IGHE(106-427) Protein with C-terminal 10×His tag |
| Delivery | In Stock |
| Uniprot ID | P01854 |
| Expression Host | HEK293 |
| Tag | C-10×His tag |
| Molecular Characterization | IGHE(Ser106-Gly427) 10×His tag |
| Molecular Weight | 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 approximately 35-55 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | 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. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| Background | 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.

DIMABIO CONFIDENTIAL

