

**PRODUCT INFORMATION**

<b>Target</b>	IgHE
<b>Synonyms</b>	IgE
<b>Description</b>	Recombinant human IGHE(106-427) Protein with C-terminal Flag and Strep Tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P01854
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Flag and Strep Tag
<b>Molecular Characterization</b>	IGHE(Ser106-Gly427) Flag and Strep Tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 40.2 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated





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

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