

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## HUMAN IGHE PROTEIN, HIS TAG

Cat.#: 11917 Product Name: Human IGHE Protein Size: 10 µg, 50 µg and 100 µg Synonyms: IgE Target: IgHE UNIPROT ID: P01854

**Description:** Recombinant Human IGHE Protein with C-terminal 6xHis tag

**Background:** Predicted to enable antigen binding activity and immunoglobulin receptor binding activity. Predicted to be involved in several processes, including activation of immune response; defense response to other organism; and phagocytosis. Predicted to be located in extracellular region. Predicted to be part of immunoglobulin complex, circulating. Predicted to be active in external side of plasma membrane. [provided by Alliance of Genome Resources, Apr 2022]

Species/Host: HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 47.8 kDa after removal of the signal peptide.

Molecular Characterization: IGHE(Ala1-Lys428) 6×His tag

**Purity:** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**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.



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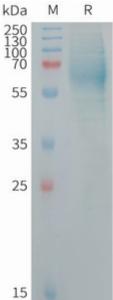


Figure 1.Human IGHE Protein, His Tag on SDS-PAGE under reducing condition.