PRODUCT INFORMATION

Target	IgHE
Synonyms	Immunoglobulin heavy constant epsilon;IGHE
Description	Recombinant Cynomolgus IgHE protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	A0A7N9DC98
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	IgHE(Ala1-Lys432) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 48.3 kDa after removal of the signal peptide. The apparent molecular mass of cIgHE-His is approximately 55-70 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.
Background	IGHE (Immunoglobulin Heavy Constant Epsilon) is a Protein Coding gene. Diseases associated with IGHE include Toxocariasis and Latex Allergy. Among its related pathways are Cytokine Signaling in Immune system and RET signaling. Gene Ontology (GO) annotations related to this gene include antigen binding. An important paralog of this gene is IGHG2.
Usage	Research use only
Conjugate	Unconjugated

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

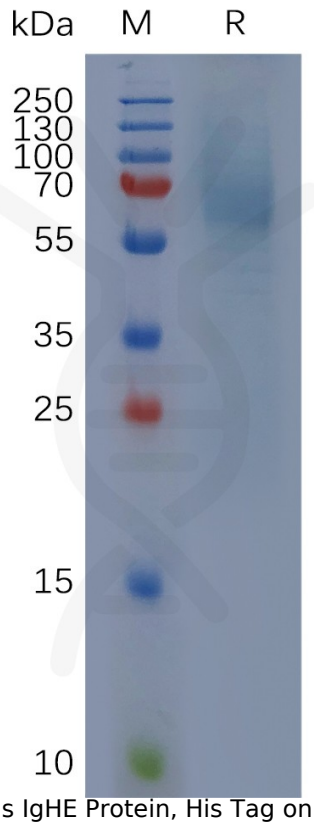


Figure 1. Cynomolgus IgHE Protein, His Tag on SDS-PAGE under reducing condition.

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
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/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com