

Recombinant Human IGHE protein(Cys104-Lys427), His-tagged

Cat. No. IGHE-1241H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGHE (Cys104-Lys427) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Cys104-Lys427
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Human IGHE consists of 335 amino acids and predicts a molecular mass of 37.4 kDa. It migRates as an approximately 45-49 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IGHE Immunoglobulin heavy constant epsilon [Homo sapiens]
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Official Symbol	IGHE
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Synonyms	IGHE; Immunoglobulin heavy constant epsilon;
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Gene ID	28223
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