

Recombinant Human IGHG3 protein

Cat. No. IGHG3-20H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGHG3 (Glu 99 - Lys 377) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu 99 - Lys 377
Predicted N Terminal	Glu 99
Form	Lyophilized from 0.22 µm filtered solution in 50 mM tris, 100 mM glycine, pH7.5. Normally Mannitol or Trehalose are added as protectants before lyophilization.
Molecular Mass	Has a calculated MW of 31.2 kDa. The reducing (R) protein migrates as 40-50 kDa in SDS-PAGE due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Avoid repeated freeze-thaw cycles.No activity loss was observed after storage at:In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).

GENE INFORMATION

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Gene Name	IGHG3 immunoglobulin heavy constant gamma 3 (G3m marker) [Homo sapiens]
Official Symbol	IGHG3
Synonyms	IgG3; C gamma 3; constant region of heavy chain of IgG3; immunoglobulin gamma 3 (Gm marker); immunoglobulin heavy constant gamma 3 (Gm marker); secrete-type Ig gamma heavy-chain
Gene ID	3502
mRNA Refseq	
Protein Refseq	
MIM	
UniProt ID	
Chromosome Location	14q32.33
Pathway	Classical antibody-mediated complement activation, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Innate Immune System, organism-specific biosystem
Function	antigen binding; immunoglobulin receptor binding

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