

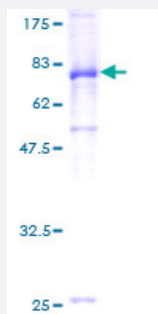
Full-Length

IGHA1 (Human) Recombinant Protein (P02)

Catalog # H00003493-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IGH A1 full-length ORF (AAH05951, 1 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDWTWSILFLVAAATGAQSQVHLVQSGAEVMSPGASVRVSCKTSGYAFHTYSIMVVRQAPGQGL
EWMGWISPSSDNTRFAKKFQGRVTLTDTSTSTVYMELRSLRSDDTAVYYCARRYCSYSSCQND
YYYYMDVWGKGTTVTVSSASPTSPKVFPLSLCSTQPDGNVVIACLVQGFFPQEPLSVTWSESG
QGV TARNFPSPQDASGDLYTTSSQLTLPATQCLAGKSVTCHVKHYTNPSQDVTVP CPVPSTPPT
PSPSTPPTPSPSCCHPRLSLHRPALEDLLLGSEANLTCTLTGLRDASGVFTWTPSSGKSAVQG
PPDRDLCGCYSVSSVLSGCAEPWNHGKTFTCTAAYPESKTPLTATLSKSGNTFRPEVHLLPPPS
EELALNELVLTCLARGFSPKDLVLRWLQGSQELPREKYL TWASRQEPSQGTTTTFAVTSILRVAA
EDWKKGDTFSCMVGHEALPLAFTQETIDRLAGKPTHVNVSVVMAEVDGTCY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.74

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IGHA1

Entrez GeneID[3493](#)**GeneBank Accession#**[BC005951](#)**Protein Accession#**[AAH05951](#)**Gene Name**

IGHA1

Gene Alias

FLJ14473, FLJ35065, FLJ35500, FLJ36402, FLJ39698, FLJ40001, FLJ41548, FLJ41552, FLJ41789, FLJ43248, FLJ43594, FLJ44293, FLJ46028, FLJ46621, FLJ46724, FLJ46811, FLJ46824, IgA1, MGC102857

Gene Description

immunoglobulin heavy constant alpha 1

Omim ID[146900](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

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Disease

- [IgA Deficiency](#)