

Recombinant Human A1BG protein, His-tagged

Cat. No. A1BG-1234H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human A1BG aa. (Ala22~Ala206 (Accession # P04217) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala22~Ala206
Description	The protein encoded by this gene is a plasma glycoprotein of unknown function. The protein shows sequence similarity to the variable regions of some immunoglobulin supergene family member proteins.
Form	Freeze-dried powder
Molecular Mass	25kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	A1BG alpha-1-B glycoprotein [Homo sapiens (human)]
Official Symbol	A1BG
Synonyms	A1BG; alpha-1-B glycoprotein; A1B; ABG; GAB; HYST2477; alpha-1B-glycoprotein; HEL-S-163pA; epididymis secretory sperm binding protein Li 163pA
Gene ID	1
mRNA Refseq	NM_130786.3
Protein Refseq	NP_570602.2
UniProt ID	P04217

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