

A1BG / alpha 1B-Glycoprotein Recombinant Protein | A1BG recombinant protein

Human A1BG / alpha 1B-Glycoprotein Protein (His Tag)

CATALOG #
AAA173520

HOST
HEK293 Cells

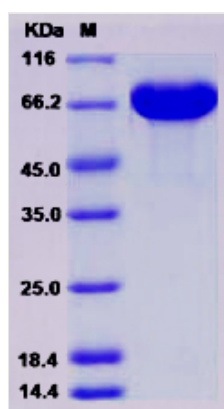
PRODUCT SYNONYMS

A1BG / alpha 1B-Glycoprotein; Human A1BG / alpha 1B-Glycoprotein Protein (His Tag); A1B;ABG;GAB;HYST2477; A1BG recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 95 % as determined by SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4
Sequence	Met1-Ser49 5
Sequence Length	495
Species	Human
Endotoxin	< 1.0 EU per ug of the protein as determined by the LAL method.
Tag	C-His
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8° for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for A1BG recombinant protein	Alpha-1B-glycoprotein (A1BG) is an approximately 80 kDa molecule that circulates in the serum. Mature human A1BG consists of five tandem Ig-like domains and shares 44% amino acid sequence identity with mouse and rat A1BG. Alternative splicing generates an isoform that lacks the signal peptide and the first Ig-like domain. A1BG binds with high affinity to the cysteine-rich protein CRISP3. In pancreatic carcinoma, it is elevated in pancreatic juice as well as in the serum relative to normal patients. A1BG is abnormally excreted into the urine during idiopathic nephrotic syndrome (INS). Multiple breakdown fragments of A1BG are also present in INS urine, including one of 14 kDa that is found in steroid-resistant but not steroid-sensitive cases. A1BG is also elevated in the urine of patients with interstitial cystitis/painful bladder syndrome (IC/PBS).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21071030
NCBI GeneID	1
NCBI Accession #	NP_570602.2
NCBI GenBank Nucleotide #	NM_130786.3
UniProt Accession #	P04217; Q68CK0; Q81YJ6; Q96P39; A8K052
Molecular Weight	Molecular Mass: 53.4 kDa
NCBI Official Full Name	alpha-1B-glycoprotein
NCBI Official Synonym Full Names	alpha-1-B glycoprotein
NCBI Official Symbol	A1BG
NCBI Official Synonym Symbols	A1B; ABG; GAB; HYST2477
NCBI Protein Information	alpha-1B-glycoprotein
UniProt Protein Name	Alpha-1B-glycoprotein
UniProt Gene Name	A1BG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/a1bg-recombinant-protein-hek293-cells/173520>