

Biotinylated Recombinant Human Alpha-1-acid glycoprotein 1/AGP1 (C-His) Catalog No: BP096

Description Biotinylated Recombinant Human Alpha-1-acid glycoprotein 1 is produced by Human 293 Cells. The

target gene encoding Q19-S201 is expressed with an 8His tag at the C terminus.

Expression System Human

Alternative name AGP 1; Orosomucoid-1; OMD 1; ORM1; AGP1

Accession No. P02763
Predicted 24.6kDa

Molecular Weight

Apparent Molecular Weight

Biotinylated AGP1 protein appeared as a smear between 20-45kDa in a reducing SDS-PAGE gel

due to glycosylation.

Quality Control Purity: greater than 95% as determined by reducing SDS-PAGE.

Endotoxin: less than 0.1 ng/µg (1 EU/µg) as determined by TAL test.

Formulation PBS, pH 7.2

Reconstitution It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Shipping The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

Storage Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples

are stable at < -20°C for 3 months.

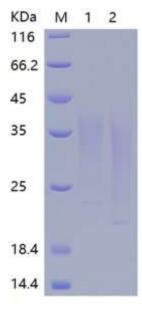
Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Background Alpha-1-Acid Glycoprotein 1 (AGP1) is an acute-phase protein secreted by the liver and is a member

of the calycin superfamily. The expression of AGP1 increases 5 to 50-fold fold upon inflammation, which is regulated by glucocorticoids, interleukin-1 and interleukin-6. AGP1 binds various ligands in the interior of its beta-barrel domain. It also binds synthetic drugs and influences their distribution and

availability in the body.

SDS-PAGE



M: Marker

1: Sample in reducing conditions

2: Sample in non-reducing conditions

