

Human ASRG / Aspartylglucosaminidase (His Tag) recombinant protein



Catalog Number: 502291

General Information

Gene Name Synonym

Aspartylglucosaminidase; Glycosylasparaginase; N4-(N-acetyl-beta-glucosaminy)-L-asparagine amidase; Glycosylasparaginase alpha chain; Glycosylasparaginase beta chain

Protein Construction

A DNA sequence encoding the human AGA (CAA39029.1) (Met1-Ile346) was expressed with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

(5.2+44.1+46.8+3.4) % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ser 24

Molecular Mass

The recombinant human AGA comprises 334 amino acids and has a predicted molecular mass of 36.1 kDa. The apparent molecular mass of the protein is approximately 47, 29, 23 and 20 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

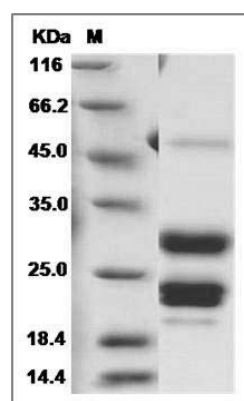
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human AGA / ASRG / Aspartylglucosaminidase Protein (His Tag) SDS-PAGE