

Active Recombinant Human AGA protein, His-tagged

Cat. No. AGA-135H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human AGA protein(Met1-Ile346)(CAA39029.1), fused with His tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Met1-Ile346 |
| Form | Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| Bio-activity | Measured by its ability to hydrolyze the AspAMC. The specific activity is >300 pmol/min/μg. |
| 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. |
| Endotoxin | < 1.0 EU per μg of the protein as determined by the LAL method |
| Purity | > 95 % as determined by SDS-PAGE |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
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 It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name AGA aspartylglucosaminidase [Homo sapiens]

Official Symbol AGA

Synonyms AGA; aspartylglucosaminidase; N(4)-(beta-N-acetylglucosaminy)-L-asparaginase; ASRG; glycosylasparaginase; aspartylglucosylamine deaspartylase; N4-(N-acetyl-beta-glucosaminy)-L-asparagine amidase; GA; AGU;

Gene ID 175

mRNA Refseq NM_000027

Protein Refseq NP_000018

MIM 613228

UniProt ID P20933

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA