

Recombinant Human AGA protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human AGA protein(CAA39029.1) (Met1-Ile346) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-346 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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	(5.2+44.1+46.8+3.4) % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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

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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](#)

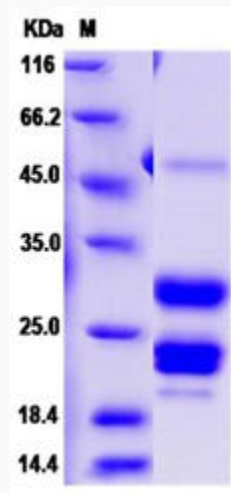
UniProt ID [P20933](#)

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SDS-PAGE



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