

Recombinant Human AGA Protein (206-346 aa), His-SUMO-tagged

Cat. No. AGA-310H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGA Protein (206-346 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	206-346 aa
Description	Cleaves the GlcNAc-Asn bond which joins oligosaccharides to the peptide of asparagine-linked glycoproteins.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	31.1 kDa
AA Sequence	TIGMVVIHKTGHIAAGTSTNGIKFKIHGRVGDSPiPGAGAYADDTAGAAAATGNGDIL MRFLPSYQAVEYMRRGEDPTIACQKVISRIQKHFPEFFGAVICANVTGSYGAAACNKL STFTQFSFMVYNSEKNQPTTEEKVDCI
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name AGA aspartylglucosaminidase [Homo sapiens]

Official Symbol AGA

Synonyms AGA; aspartylglucosaminidase; ASRG; GA; AGU;

Gene ID 175

mRNA Refseq NM_000027

Protein Refseq NP_000018

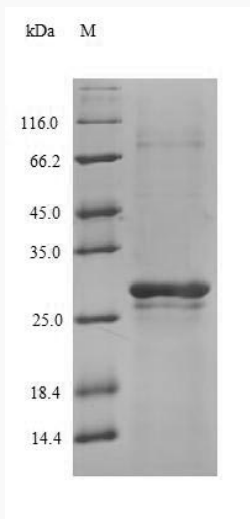
MIM 613228

UniProt ID P20933

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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