

Recombinant Human AGA Protein (24-346aa), C-His-Tagged

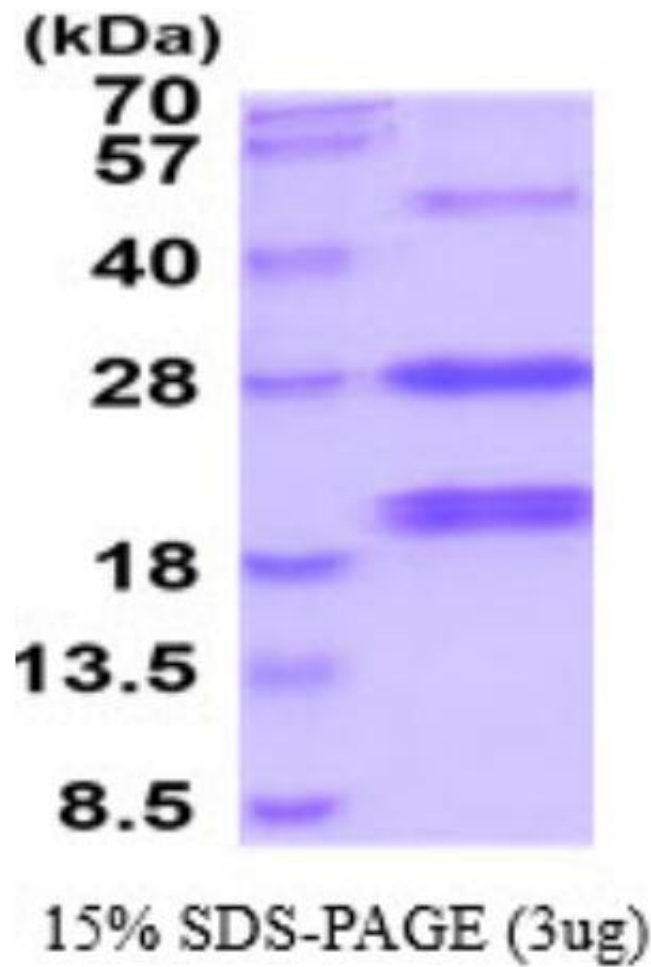
Product Information

Cat	IMP-9408
Official Symbol	AGA
Product Overview	Recombinant human AGA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Description	AGA, as known as N (4) - (beta-N-acetylglucosaminy) -L-asparaginase isoform 1, belongs to the N-terminal nucleophile (Ntn) hydrolase superfamily. This protein consists of different S100 proteins and then plays various roles in regulation of protein phosphorylation, the dynamics of cytoskeleton constituents, transcription factors, enzyme activities, cell growth and differentiation, and inflammatory response.
Expression System	Baculovirus
Species	Human
Tag	C-His
Form	Liquid in Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Molecular Mass	35.7 kDa (332 aa)
Protein length	24-346
AA Sequence	ADPSSPLPLVVNTWPFKNATEAAWRALASGGSALDAVESGCAMCEREQ CDGSVGFGGSPDELGETTLDAMIMDGTMTMDVGAVGDLRRIKNAIGVARK VLEHTTHTLLVGESATTFQAQSMGFINE DLSTTASQALHSDWLARNCPNY WRNVIPDPSKYCGPYKPPGILKQDIPIHKETEDDRGHDTIGMVVIHKTGHI AAGTSTNGIKFKIHGRVGDSPGAGAYADDTAGAAAATGNGDILMRFLP SYQAVEYMRRGEDPTIACQKVISRIQKHFPEFFGAVICANVTGSYGAACN KLSTFTQFSFMVYNSEKNQPTEEKVDCIHSHHHHH
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Notes	Note: For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.

Concentration

0.25 mg/mL (determined by absorbance at 280nm)

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.