

Glycogen debranching enzyme (AGL) Recombinant Protein | AGL recombinant protein

Recombinant Human Glycogen debranching enzyme (AGL) , partial

CATALOG # AAA113153	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Glycogen debranching enzyme (AGL); Recombinant Human Glycogen debranching enzyme (AGL); partial; AGL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	97-253. Partial
Sequence	QGNEKSGGGY IVVDPILRVG ADNHVLPDLC VTLQTFLAKC LGPFDEWESR LRVAKESGYN MIHFTPLQTL GLSRSCYSLA NQLELNPDFS RPNRKYTWND VGQLVEKLKK EWNVICITDV VYNHTAANSK WIQEHPECAY NLVNSPHLKP AWWLDRA
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for AGL recombinant protein	This gene encodes the glycogen debrancher enzyme which is involved in glycogen degradation. This enzyme has two independent catalytic activities which occur at different sites on the protein: a 4-alpha-glucotransferase activity and a amylo-1,6-glucosidase activity. Mutations in this gene are associated with glycogen storage disease although a wide range of enzymatic and clinical variability occurs which may be due to tissue-specific alternative splicing. Alternatively spliced transcripts encoding different isoforms have been described.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116734847
NCBI GeneID	178
NCBI Accession #	NP_000019.2
NCBI GenBank Nucleotide #	NM_000028.2
UniProt Accession #	P35573; P78354; P78544; Q59H92; Q6AZ90; Q9UF08; A6NCX7; A6NEK2; D3DT51
Molecular Weight	172,696 Da
NCBI Official Full Name	glycogen debranching enzyme isoform 1
NCBI Official Synonym Full Names	amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase
NCBI Official Symbol	AGL
NCBI Official Synonym Symbols	GDE
NCBI Protein Information	glycogen debranching enzyme

UniProt Protein Name	Glycogen debranching enzyme
UniProt Gene Name	AGL
UniProt Synonym Gene Names	GDE; Amylo-1,6-glucosidase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/agl-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113153>