

Recombinant Human AGL protein, His-tagged

Cat. No. AGL-4533H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGL protein(258-424 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	258-424 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence SCDVAEGKYKEKGIPALIENDHHMNSIRKIIWEDIFPKLKLWEFFQVDVNKAVEQFRR
 LLTQENRRVTKSDPNQHLTIIQDPEYRRFGCTVDMNIALTTFIPHDKGPAAIECCNW
 FHKRMEELNSEKHRLINYHQEQAVNCLLGNVFYERLAGHGPKLGPVTRKHP

GENE INFORMATION

Gene Name [AGL amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase \[Homo sapiens \]](#)

Official Symbol [AGL](#)

Synonyms AGL; amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase; amylo 1, 6 glucosidase, 4 alpha glucanotransferase; glycogen debranching enzyme; glycogen storage disease type III; glycogen debrancher; amylo-1, 6-glucosidase, 4-alpha-glucanotransferase; GDE;

Gene ID [178](#)

mRNA Refseq [NM_000028](#)

Protein Refseq [NP_000019](#)

MIM [610860](#)

UniProt ID [P35573](#)

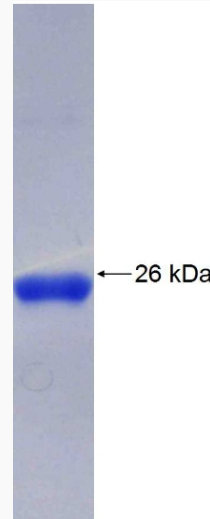
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SDS-PAGE



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