

Recombinant Human AGL protein, GST-tagged

Cat. No. AGL-301513H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGL (258-424 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser258-Pro424
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	SCDVAEGKYKEKGIPALIENDHHMNSIRKIIWEDIFPKLKLWEFFQVDVNKAVEQFRR LLTQENRRVTKSDPNQHLTIQDPEYRRFGCTVDMNIALTTFIPHDKGPAAIEECCNW FHKRMEELNSEKHRLINYHQEQAVNCLLGNVFYERLAGHGPKLGPVTRKHP
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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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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