

Datasheet for ABIN2714454

**AGL Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	20 µg
Target:	AGL
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGL protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human AGL / GDE (transcript variant 1) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	AGL
Alternative Name:	Agl,gde ( <a href="#">AGL Products</a> )
Background:	<p>This gene encodes the glycogen debrancher enzyme which is involved in glycogen degradation.</p> <p>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</p>

## Target Details

and clinical variability occurs which may be due to tissue-specific alternative splicing.  
Alternatively spliced transcripts encoding different isoforms have been described.

Molecular Weight:	174.6 kDa
NCBI Accession:	<a href="#">NP_000633</a>
Pathways:	<a href="#">Cellular Glucan Metabolic Process</a>

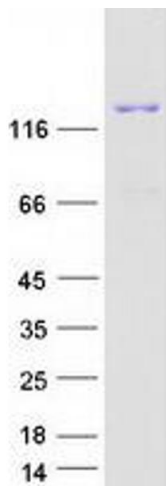
## Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

## Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Images



### Western Blotting

**Image 1.** Validation with Western Blot