

## Recombinant Human AGLB5 Protein, GST-tagged

Cat. No. AGLB5-419H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human AGLB5 full-length ORF ( ENSP00000323681, 1 a.a. - 724 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes a metallopeptidase involved in protein deglutamylation and a member of the peptidase M14 family of proteins. The encoded protein has been described as a "dual-functional" deglutamylase that can remove glutamate residues from both carboxyl termini and side chains of protein substrates. This deglutamylase activity may be important in antiviral immunity. Mutations in this gene are associated with retinitis pigmentosa. [provided by RefSeq, Jul 2016]
<b>Molecular Mass</b>	106.8 kDa
<b>AA Sequence</b>	MNMNKQSKLYSQGMAPFVRTLPTRPRWERIRDRPTFEMTETQFVLSFVHRFVEGR GATFFAFICYPFYSYSDCQELLNQLDQRFPENHPTHSSPLDTIYYHRELLCYSLDGLR VDLLTITSCHGLREDREPRLEQLFPDTSTPRPFRFAGKRIFFLSSRVHPGETPSSFVF NGFLDFILRPDDPRAQTLRRLFFVFKLIPMLNPDGVVRGHYRTDSRGVNLNRQYLKPD AVLHPAIYGAKAVLLYHHVHSRLNSQSSSEHQPSCLPPDAPVSDLEKANNLQNEA QCGHSADRHNAEAWKQTEPAEQKLNSVWIMPQQSAGLEESAPDTIPPKESGVAYY VDLHG HASKRGC FMYGNSFSDESTQVENMLYPKLISLNSAHFDFQGCNFSEKNMY ARDRRDGQSKEGSGRVAIYKASGIIHSYTLNNTGRSVNSIPAACHDNGRASPPP

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PPAFPSRYTVELFEQVGRAMAIAALDMAECNPWPRIVLSEHSSLTNLRAWMLKHVR  
 NSRGLSSTLNVGVNKKRGLRTPPKSHNGLPVSCSENTLSRARSFSTGTSAGGSSSS  
 QQNSPQMKNSPSPFPFHGSRPAGLPGLGSSTQKVTHRVLGPVREPRSQDRRRQQQ  
 PLNHRPAGSLAPSPAPTSSGPASSHKLGSCLLPDSFNIPGSSCSLLSSGDKPEAVMV  
 IGKLLGTGARMPCIKTRLQTCPRRVSARRGPGFPRLGPGWAGAHRRLAEG

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**  
 Best use within three months from the date of receipt of this protein.

**Storage**  
 Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**  
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [AGBL5 ATP/GTP binding protein-like 5 \[ Homo sapiens \]](#)

**Official Symbol** [AGBL5](#)

**Synonyms**  
 AGBL5; ATP/GTP binding protein-like 5; cytosolic carboxypeptidase-like protein 5;  
 FLJ21839; ATP/GTP-binding protein-like 5;

**Gene ID** [60509](#)

**mRNA Refseq** [NM\\_001035507](#)

**Protein Refseq** [NP\\_001030584](#)

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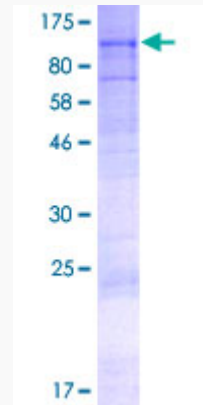
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MIM 615900

UniProt ID Q8NDL9

Quality Control  
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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