

Recombinant Human AGBL5 Protein, GST-tagged

Cat. No. AGBL5-419H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AGBL5 full-length ORF (ENSP00000323681, 1 a.a. - 724 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	106.8 kDa
AA Sequence	MNMNKQSKLYSQGMAPFVRTLPTRPRWERIRDRPTFEMTETQFVLSFVHRFVEGR GATFFAFYCYPFSYSDCQELLNQLDQRFPENHPHSSPLDTIYYHRELLCYSLDGLR VDLLTITSCHGLREDREPRLEQLFPDSTPRPFRFAGKRIFFLSSRVHPGETPSSFVF NGFLDFILRPDDPRAQTLRRLFVFKLIPMLNPDGVVRGHYRTDSRGVNLNRQYLKPD AVLHPAIYGAKAVLLYHHVHSRLNSQSSSEHQPSCLPPDAPVSDLEKANNLQNEA QCGHSADRHNAEAWKQTEPAEQKLSVWIMPQQSAGLEESAPDTIPPKESGVVAY VDLHGHASKRGCFMYGNSFSDESTQVENMLYPKLISLNSAHFDFQGCNFSEKNMY ARDRRDGQSKEGSGRVAIYKASGIIHSYTLNNTGRSVNSIPAACHDNGRASPPP

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PPAFPSRYTVELFEQVGRAMAIAALDMAECNPWPRIVLSEHSSLTNLRAWMLKHVR
 NSRGLSSTLNVGVNKKRGLRTPPKSHNGLPVSCSENTLSRARSFSTGTSAGGSSSS
 QQNSPQMKNSPSFPFHGSRPAGLPGLGSSTQKVTHRVLGPVREPRSQDRRRQQQ
 PLNHRPAGSLAPSPAPTSSGPASSHKLGSCLLPDSFNIPGSSCSLLSSGDKPEAVMV
 IGKGLLGTGARMPCIKTRLQTCPRRVSARRGPGFPRLGPGWAGAHRRRLAEG

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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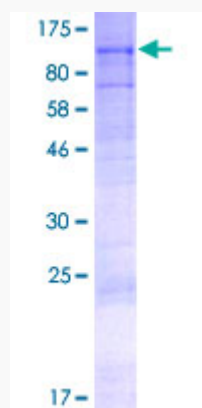
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MIM 615900

UniProt ID Q8NDL9

Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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