

## Product datasheet for TP317452

### AGBL5 (NM\_021831) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ATP/GTP binding protein-like 5 (AGBL5), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217452 representing NM_021831 Red=Cloning site Green=Tags(s)

MELRCGGLLFSSRFDSGNLAHVEKVESLSSDGEGVGGGASALTSGIASSPDYEFNVWTRPDCAETEFENG  
NRSWFYFSVRGGMPGKLIKINIMNMNKQSKLYSQGMAPFVRTLPTRPRWERIRDRPTFEMTETQFVLSFV  
HRFVEGRGATTTFFAFCYPFSYSDCQELLNQLDQRFENHPTHSSPLDTIYHRELLCYSLDGLRVDLLTI  
TSCHGLREDREPRLEQLFPDTSTPRPFRFAGKRIFFLSSRVHPGETPSSVFVNGFLDFILRPDDPRAQTL  
RRLFVFKLIPMLNPDGVVRGHYRTDSRGVNLNRQYLKPDVLPALHPAIYGAKAVLLYHHVHSRLNSQSSEH  
QPSSCLPPDAPVSDLEKANNLQNEAQCCHSADRHNAAEWKQTEPAEQKLNNSVWIMPQQSAGLEESAPDTI  
PPKESGVAYYYVDLHGHASKRGCFCMYGNSFSDESTQVENMLYPKLISLNSAHFDFQGCNFSEKNMYARDRR  
DGQSKEGSGRVAIYKASGIIHSYTLNNTGRSVNSIPAACHDNGRASPPPPAFPSRYTVLFEQVGR  
AMAIAALDMAECNPWPRIVLSEHSSLNLRWMLKHVRNSRGLSSTLNVGVNKKRGLRTPPKSHNGLPVS  
CSENTLSRARSFSTGTSAGGSSSSQNSPQMKNSPFPFHGSRPAGLPGLGSSTQKVTHRVLPVREPRS  
QDRRRQQQLNHRPAGSLAPSPAPTSSGPASSHKLGSCLLPDSFNIPGSSCSLLSSGDKPEAVMVGKGL  
LGTGARMPCIKTRLQARPLGRGSPPTRRGMKGSSGPTSPTRTRESSELELGSCSATPGLPQARPPRPR  
SAPAFSPISCSLSDSPSWNCYSRGPLGQPEVCFVPKSPPLTVSPRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

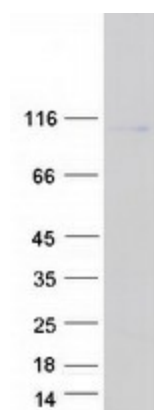
Tag:	C-Myc/DDK
Predicted MW:	97.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_068603</a>
<b>Locus ID:</b>	60509
<b>UniProt ID:</b>	<a href="#">Q8NDL9</a>
<b>RefSeq Size:</b>	3254
<b>Cytogenetics:</b>	2p23.3
<b>RefSeq ORF:</b>	2658
<b>Synonyms:</b>	CCP5; RP75
<b>Summary:</b>	This gene encodes a metallocarboxypeptidase 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]

### Product images:



Coomassie blue staining of purified AGBL5 protein (Cat# TP317452). The protein was produced from HEK293T cells transfected with AGBL5 cDNA clone (Cat# [RC217452]) using MegaTran 2.0 (Cat# [TT210002]).