

Product datasheet for **TP762327**

AGBL1 (NM_152336) Human Recombinant Protein

Product data:

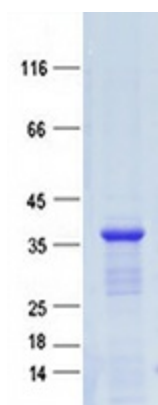
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ATP/GTP binding protein-like 1 (AGBL1), Leu548-Cys868, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Leu548-Cys868) of AGLB1
Tag:	N-His
Predicted MW:	36.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_689549
Locus ID:	123624
UniProt ID:	Q96MI9
RefSeq Size:	3493
Cytogenetics:	15q25.3
RefSeq ORF:	3198
Synonyms:	CCP4; FECD8



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Summary:

Polyglutamylation is a reversible posttranslational modification catalyzed by polyglutamylases that results in the addition of glutamate side chains on the modified protein. This gene encodes a glutamate decarboxylase that catalyzes the deglutamylation of polyglutamylated proteins. Mutations in this gene result in dominant late-onset Fuchs corneal dystrophy. [provided by RefSeq, Nov 2013]

Product images:

Purified recombinant protein AGBL1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.