

## Recombinant Mouse Agbl5 Protein, Myc/DDK-tagged

Cat. No. Agbl5-1552M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length ATP/GTP binding protein-like 5 (cDNA clone MGC:67138 IMAGE:6813901), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Metalloprotease that mediates protein deglutamylation. Specifically catalyzes the deglutamylation of the branching point glutamate side chains generated by post-translational glutamylation in proteins such as tubulins. In contrast, it is not able to act as a long-chain deglutamylase that shortens long polyglutamate chains, a process catalyzed by AGTPBP1/CCP1, AGL2/CCP2, AGL3/CCP3, AGL1/CCP4 and AGL4/CCP6. Mediates deglutamylation of CGAS, regulating the antiviral activity of CGAS.
<b>Molecular Mass</b>	79.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Agbl5 ATP/GTP binding protein-like 5 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Agbl5](#)

**Synonyms** [Agbl5](#); ATP/GTP binding protein-like 5; Ccp; CCP5; 9430057O19Rik; cytosolic carboxypeptidase-like protein 5; carboxypeptidase 5, cytosolic; EC 3.4.17.-

**Gene ID** [231093](#)

**mRNA Refseq** [NM\\_174849](#)

**Protein Refseq** [NP\\_777274](#)

**UniProt ID** [Q09M02](#)

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