

Recombinant Mouse Agbl5 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	Metallocarboxypeptidase 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, AGBL2/CCP2, AGBL3/CCP3, AGBL1/CCP4 and AGBL4/CCP6. Mediates deglutamylation of CGAS, regulating the antiviral activity of CGAS.
Molecular Mass	79.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	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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