

## Recombinant Mouse Aup1 Protein, His/GST-tagged

Cat. No. Aup1529M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Aup1(Val201~Glu410) fused with His/GST tag at N-terminal was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val201~Glu410
<b>Description</b>	<p>The protein encoded by this gene contains several conserved domains including a hydrophobic domain, an acetyltransferase domain, a ubiquitin binding domain, and a domain required for recruitment of ubiquitin-conjugating enzyme E2 G2 (Ube2g2). In humans, this protein localizes to the endoplasmic reticulum and to lipid droplets. This protein is thought to be involved both in the degradation of misfolded proteins from the endoplasmic reticulum and in the storage of neutral lipids. Reduced expression of the human ortholog of this gene strongly reduces lipid droplet clustering in the cell, and causes stabilization of misfolded proteins. Alternative splicing results in multiple transcript variants.</p>
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	53.7kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)

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<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Reconstitution</b>	Reconstitute in PBS or others

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Aup1 ancient ubiquitous protein 1 [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Aup1</a>
<b>Synonyms</b>	AUP1; ancient ubiquitous protein 1; AA589454;
<b>Gene ID</b>	<a href="#">11993</a>
<b>mRNA Refseq</b>	<a href="#">NM_007517</a>
<b>Protein Refseq</b>	<a href="#">NP_031543</a>

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