

Recombinant Mouse Uso1 Protein, His&GST-tagged

Cat. No. Uso1-555M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Uso1 Protein (Met1-Phe113) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Phe113
Description	Acts upstream of or within several processes, including regulation of cellular response to insulin stimulus; secretory granule localization; and small GTPase mediated signal transduction. Located in cytosol and perinuclear region of cytoplasm. Is expressed in central nervous system and retina. Orthologous to human USO1 (USO1 vesicle transport factor).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.7 kDa Accurate Molecular Mass: 43 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

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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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[Uso1](#) [USO1 vesicle docking factor \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Uso1](#)

Synonyms

Uso1; USO1 vesicle docking factor; TAP; Vdp; 115kDa; general vesicular transport factor p115; USO1 homolog, vesicle docking protein; protein USO1 homolog; transcytosis associated protein p115; transcytosis-associated protein; vesicle docking protein, 115 kDa; vesicle-docking protein

Gene ID

[56041](#)

mRNA Refseq

[NM_019490](#)

Protein Refseq

[NP_062363](#)

UniProt ID

[Q9Z1Z0](#)

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