

Recombinant Mannosyl Oligosaccharide Glucosidase (MOGS) Instruction Manual

SIPD499Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	40.0kDa
Accurate Molecular Mass	40kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu512~Tyr834 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	6.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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      LLLPVVHML EGHDPDDLAF LRKAFPRLHA WFSWLHQSQA  
GPVPLSYRWR GRDLALPTLL NPKTLPSGLD DYPRASHPST AERHLDLRCW  
VALGARVLSQ LAEQLGETEA AAELGPLAAS LEEPGSLDEL HWAPELGVFA  
DFGNHTKAVQ LKSRRPQGLV RVVGRPPPRL QYVDALGYVS LFPLLLQLLD  
PSSPRLGPLL DVLADSRHLW SPFGLRSLSA SSLFYKQRNT EHDPPYWRGA  
VVLNINYLAL GALHHYGHVE GPHKVQAAKL YHELRRANVVR NVRQQYQATG  
FLWEQYSDQD GRGMGCRPFQ GWTSVLVLLIM AEEY
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

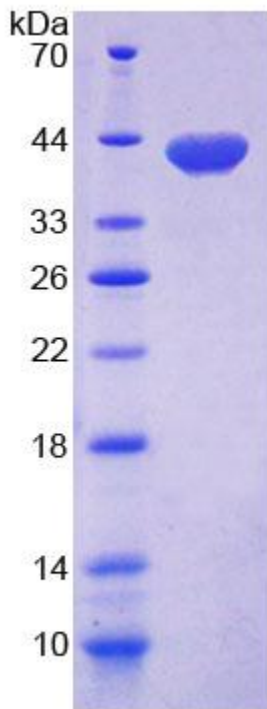
STORAGE

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

STABILITY

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°C 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.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.