

Eukaryotic Mesothelin (MSLN) Instruction Manual

SFPH665Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Secreted
Predicted Molecular Mass	36.7kDa
Accurate Molecular Mass	42&46kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu296~Ser606 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ACPSGKKARE IDESLIFYKK WELEACVDAA LLATQMDRVN AIPFTYEQLD  
VLKHKLDELY PQGYPESVIQ HLGYLFLKMS PEDIRKWNVT SLETLKALLE  
VNKGHEMSPQ APRRPLPQVA TLIDRFVKGR GQLDKDTLDT LTAFYPGYLC  
SLSPEELSSV PPSSIWAVRP QDLDTCDPRQ LDVLYPKARL AFQNMNGSEY  
FVKIQSFLGG APTEDLKALS QQNVSMDLAT FMKLRTDAVL PLTVAEVQKL  
LGPHVEGLKA EERHRPVRDW ILRQRQDDLD TLGLGLQGGI PNGYLVLDSL  
MQEALS
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USAGE

Reconstitute in 10mM PBS (pH7.4) 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

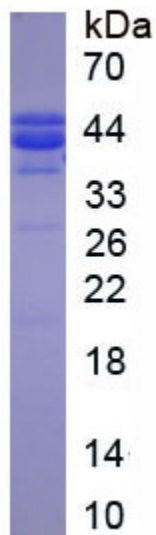


Figure. SDS-PAGE

[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.