Eukaryotic Osteopontin (OPN) Instruction Manual

SFPA204Mu61

Mus musculus (Mouse)

Source Eukaryotic expression

Host 293F cell

Endotoxin Level <1.0EU per 1ug (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass32.4kDa

Accurate Molecular Mass 65kDa(Analysis of differences refer to the manual)

Residues & TagsLeu17~Asn294 with N-terminal His Tag **Buffer Formulation**PBS, pH7.4, containing 5% Trehalose.

Traits Freeze-dried powder

Purity > 95% Isoelectric Point 4.3

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

	LPVK	VTDSGSSEEK	LYSLHPDPIA	TWLVPDPSQK	
QNLLAPQNAV	SSEEKDDFKQ	ETLPSNSNES	HDHMDDDDDD	DDDDGDHAES	
EDSVDSDESD	ESHHSDESDE	TVTASTQADT	FTPIVPTVDV	PNGRGDSLAY	
GLRSKSRSFQ	VSDEQYPDAT	DEDLTSHMKS	GESKESLDVI	PVAQLLSMPS	
DQDNNGKGSH	ESSQLDEPSL	ETHRLEHSKE	SQESADQSDV	IDSQASSKAS	
LEHQSHKFHS	HKDKLVLDPK	SKEDDRYLKF	RISHELESSS	SEVN	

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.



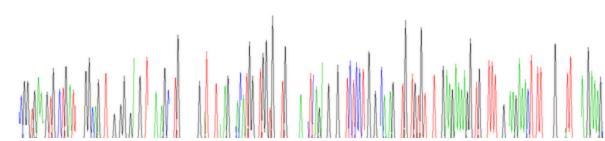


Figure. SDS-PAGE

[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.