

Recombinant Osteopontin (OPN) Instruction Manual

SIPA204Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	62.8kDa
Accurate Molecular Mass	70kDa(Analysis of differences refer to the manual)
Residues & Tags	Ile17~Asn287 with N-terminal His and GST 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	> 90%
Isoelectric Point	4.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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IPVK QADSGSSEEK QNAVSSEETN DFKQETLPSK
SNESHDMDD MDDEDDDDHV DSQDSIDSND SDDVDDTDDS HQSDESHHS
ESDELVTDFP TDLPATEVFT PVVPTVDTYD GRGDSVVYGL RSKSKKFRFP
DIQYPDATDE DITSHMESEE LNGAYKAIPV AQDLNAPSDW DSRGKDSYET
SQLDDQSAET HSHKQSRLYK RKANDESNEH SDVIDSQELS KVSREFHSHE
FHSHEDMLVV DPKSKEEDKH LKFRISHELD SASSEVN
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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

