



# AVISCERA BIOSCIENCE

## Human Osteopontin (OPN), Rec.

### Product Information

Code	00759-01-100
Name	human Osteopontin
Lot No.	
Size	100 µg
Species	Human
Sequence	Ile <sup>17</sup> -Asn <sup>314</sup>
Protein ID	P10451
Gene ID	6696
MW	33.7 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>90% in SDS-PAGE gel Tris buffer lyophilized
Formulation	form without preservatives
Carry	Free
Storage	-20 °C ~ -70° C
Reconstitution	500 µl
Application	ELISA

Alternative name(s):  
Secreted phosphoprotein 1  
Bone sialoprotein I

### Description

A DNA sequence encoding the Human Osteopontin (OPN)(Ile<sup>17</sup>-Asn<sup>314</sup>) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

### Formulation

Lyophilized 100 µg of human Osteopontin in 50 µl of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.

### Reconstitution & Storage

Add 500 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Human Osteopontin (OPN)(Ile<sup>17</sup>-Asn<sup>314</sup>)

```
17
IPVKQADSGS SEEKQLYNKY PDAVATWLNPDPSQKQNLLA
PQNAVSSSEET NDFKQETLPS KSNESHDHMD DMDDEDDDDH
VDSQDSIDSN DSDDVDDTDD SHQSDESHHS DESDELVTDF
PTDLPATEVF TPVVPTVDY DGRGDSVVYGLRSKSKKFRR
PDIQYPDATD EDITSHMESE ELNGAYKAIP WDSRGKDSYE
TSQLDDQSAE THSHKQSRLY KRKANDESNE HSDVIDSQEL
SKVSREFHSH EFHSHEDMLV VDPKSKEEDK HLKFRISHL
DSASSEVN 314
```

### ORDER INFORMATION

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