

Osteopontin/OPN Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P701071
Synonyms:	Secreted phosphoprotein 1; Osteopontin; Bone sialoprotein 1; Nephropontin; SPP-1; BNSP; OPN; SPP1; Uropontin; BSP-1; ETA-1; BSPI
Species:	Cynomolgus
Source:	HEK293
Accession:	A0A2K5WL90 (L17-N300)
Gene ID:	/
Molecular Weight:	45-55 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The Osteopontin/OPN Protein is a vital member of the osteopontin family, playing a pivotal role in various physiological processes, including cell adhesion, immune response modulation, and tissue mineralization. As part of this family, Osteopontin shares conserved features and characteristics that underscore its functional significance. Its involvement in diverse cellular activities suggests its versatile nature, contributing to both homeostatic and pathological conditions. The study of Osteopontin provides valuable insights into the broader understanding of the osteopontin family's roles in biological functions, offering potential avenues for therapeutic interventions and further exploration of its intricate interactions within cellular pathways.
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Caution: Product has not been fully validated for medical applications. For research use only.

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