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Osteopontin, 17-314aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03264

第三版

别名: OPN, SPP-1, BNSP, BSPI, ETA-1

**描述:** Osteopontin (OPN), also known as Secreted phosphoprotein 1 (SPP1), is a human gene product which is conserved in other species. This protein is glycoprotein that was first identified in osteoblasts and plays an important role in bone remodeling, immune functions in fibroblasts, macrophages, and lymphocytes during inflammation and wound healing.

**配方:** Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT, 10% glycerol, 2 mM EDTA

**分子量:** 36.2 kDa (321aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will shift up)

**序列:**

MGSSHHHHHSSGLVPRGSHRSMIPVKQADSGSSEEKQLYNKYPDAVATWLNPDPSQKQNLLAPQNAVSSSEETNDFKQ  
ETLPSKSNESHDMDDMDDEDDDDHVDSDSIDSNDSDDDVDDTDDSHQSDESHHSDESDELVTDFPTDLPATEVFTPV  
VPTVDTYDGRGDSVVYGLRSKSKKFRRPDIQYPDATDEDITSHMESEELNGAYKAIPVAQDLNAPSDWDSRGKDSYETSQ  
LDDQSAETHSHKQSRLYKRKANDESNEHSDVIDSQELSKVSREFHSHEFHSHEDMLVVDPKSKEEDKHLKFRISHELDSASS  
EVN

**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by Bradford assay )

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.