



Recombinant Rat Osteopontin (Spp1)

Product Code	CSB-YP022603RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P08721
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	LPVK VAEFGSSEEK AHYSKHSDAV ATWLKPDPSQ KQNLLAPQNS VSSEETDDFK QETLPSNSNE SHDHMDDDDD DDDDGDHAES EDSVNSDESD ESHHSDESDE SFTASTQADV LTPIAPTVDV PDGRGDSLAY GLRSKRSRFP VSDEQYPDAT DEDLTSRMKS QESDEAIKVI PVAQRLSVPS DQDSNGKTSH ESSQLDEPSV ETHSLEQSKE YKQRASHEST EQSDAIDSAE KPAIDSAER SDAIDSQASS KASLEHQSHE FSHEDKLV LDPKSKEDDRY LKFRISHELE SSSSEVN
Source	Yeast
Target Names	Spp1
Protein Names	Recommended name: Osteopontin Alternative name(s): Bone sialoprotein 1 Secreted phosphoprotein 1 Short name= SPP-1
Expression Region	17-317
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.