



Recombinant Rat Protein OS-9 (Os9)

Product Code	CSB-EP729132RA
Abbreviation	Os9
Storage	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.
Uniprot No.	Q5RKH6
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	LNLEELSEMR YGIQILPLPV MGGQSQASDV VVSSKYKQR YECRLPAGAI HFQREREET PAYQGGPIE LLSPMRDAPC LLKTKDWWTY EFCYGRHIQQ YHMEDSEIKG DVLYLGYYS AFNWDDetak ASKQHRLKRY HSQTYGNGSK CDLNGKPREA EVRFLCDEGA GISGDYIDRV DEPFCSCSYVL SIRTSLCPH PLLPPASAA PQAILCHPAL QPDEYMayLQ RQAESKQHEE KVTEEVQDtd HQVWSGSKAA GAPPKKEDVS PTKEDKESEF WKMLQEPEEQ ATGTEEAQAG EQDLNHEAAA DPAPAPPTDF QNNVQVKLIR SPADLIRLIE ELKGAEKGP SVRREQPGDD TTEAPQREAE AKGKGGGPRG LVEEEDGDEE EDEDEDEEQ LLGEFEKELE GMLLPSDRER LRSEVKAGME RELENIQET EKELDPEGLR KESEREQAIL ALTSTLDKLI KRLQESQSPE LVQKYKKRRV VPQKPPSPH PTEEEPEHRV RVRVTKLRHG GPNQDLTVLE MNRENQLKQ IEGLVTEVLE REGLTAEGKI EIKIVRPGAE GKEEDTRWLT DEDTRNLKEI FFNILVQGAE EANKERQRQS ELESNYRRVW GSPGGEDTGD LDEFDF
Source	E.coli
Target Names	Os9
Protein Names	Recommended name: Protein OS-9
Expression Region	31-666
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
Target Details	This gene encodes a protein that is highly expressed in osteosarcomas. This protein binds to the hypoxia-inducible factor 1 (HIF-1), a key regulator of the hypoxic response and angiogenesis, and promotes the degradation of one of its subunits. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
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

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