



# Recombinant Rat Protein OS-9 (Os9)

<b>Product Code</b>	CSB-EP729132RA-B
<b>Abbreviation</b>	Os9
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q5RKH6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	LNLEELSEMR YGIQILPLPV MGGQSQASDV VVSSKYKQR YECRLPAGAI HFQREREET PAYQGPGIPE LLSPMRDAPC LLKTKDWWTY EFCYGRHIQQ YHMEDSEIKG DVLYLGYYQS AFNWDDetak ASKQHRLKRY HSQTYGNGSK CDLNGKPREA EVRFLCDEGA GISGDYIDRV DEPFCSSYVL SIRTSLCPH PLLPPASAA PQAILCHPAL QPDEYMayLQ RQAESKQHEE KVTEEVQDTD HQVWSGSKAA GAPPKKEDVS PTKEDKESEF WKMLQEPEEQ ATGTEEAQAG EQDLNHEAAA DPAPAPPTDF QNNVQVKLIR SPADLIRLIE ELKGAEKGKP SVRQEQPGDD TTEAPQREAE AKGKGGEPRG LVVEEDGDDEE EDEDEDEDEQQ LLGEFEKELE GMLLPSDRER LRSEVKAGME RELENIQET EKELDPEGLR KESEREQAIL ALTSTLDKLI KRLQESQSPE LVQKYKKRRV VPQKPPSPH PTEEEPEHRV RVRVTKLRHG GPNQDLTVLE MNRENPLKQ IEGLVTEVLE REGLTAEGKI EIKIVRPGAE GKEEDTRWLT DEDTRNLKEI FFNILVQGAE EANKERQRQS ELESNYRRVW GSPGGEDTGD LDEFDF
<b>Source</b>	E.coli
<b>Target Names</b>	Os9
<b>Protein Names</b>	Recommended name: Protein OS-9
<b>Expression Region</b>	31-666
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.

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