

Recombinant Human OS9 protein, His & T7-tagged

Cat. No. OS9-8003H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human OS9 aa. (Asn466~Phe667 (Accession # Q13438)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asn466~Phe667
Description	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.
Form	Freeze-dried powder
Molecular Mass	31kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
GENE INFORMATION	
Gene Name	OS9 OS9, endoplasmic reticulum lectin [Homo sapiens (human)]
Official Symbol	OS9
Synonyms	OS-9; ERLEC2; amplified in osteosarcoma 9; endoplasmic reticulum lectin 2; erlectin 2; osteosarcoma amplified 9, endoplasmic reticulum associated protein; osteosarcoma amplified 9, endoplasmic reticulum lectin; protein OS-9
Gene ID	10956
mRNA Refseq	NM_001017956.2

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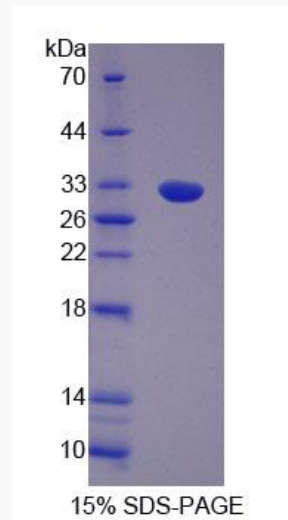
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Protein Refseq NP_001017956.1

UniProt ID Q13438

SDS-PAGE



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