

# Recombinant Human OS9 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** OS9-2851H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

OS9 MS Standard C13 and N15-labeled recombinant protein (NP\_006803) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### 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.

### Molecular Mass

75.56 kDa

### AA Sequence

MAAETLLSLLGLLLLGLLLPASLTGGVGS LNLEELSEMRYGIEILPLPVMGGQSQSS  
 DVVIVSSKYKQRYECRLPAGAIHFQREREETPAYQGPGIPELLSPMRDAPCLLTK  
 DWWTYEFYGRHIQQYHMEDSEIKGEVLYLGYYSAFDWDDETAKASKQHRLKRY  
 HSQTYGNGSKCDLNGRPRAEVRFLCDEGAGISGDYIDRVDEPLSCSYVLTIRTPRL  
 CPHLLRPPPSAAPQAILCHPSLQPEEY MAYVQRQADSKQYGDKII EELQDLGPQV  
 WSETKSGVAPQKMAGASPTKDDSKDSDFWKMLNEPEDQAPGGEEVPAEEQDPSP  
 EAADSASGAPNDFQNNVQVKVIRSPADLIRFIEELKGGTKKGGKPNIGQE QPVDDAAE  
 VPQREPEKERGDPERQREMEEEDEDEDEDEDEDERQLLGEFEKELEGILLPSDRD

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RLRSEVKAGMERELENIQETEKELDPDGLKKESERDRAMLALTSTLNKLIKRLEEKQ  
 SPELVKKHKKRVPKPPSPQTEEDPEHRVRVRVTKLRLGGPNQDLTVLEMKR  
 ENPQLKQIEGLVKELLEREGHTAAGKIEIKIVRPWAEGTEEGARWLTDEDTRNLKEIF  
 FNILVPGAEEAQKERQRQKELESNYRRVWGSPGGEGTGDLDEFDFTRTRPLEQKLI  
 SEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** OS9 OS9 endoplasmic reticulum lectin [ Homo sapiens (human) ]

**Official Symbol** OS9

**Synonyms** OS9; osteosarcoma amplified 9, endoplasmic reticulum lectin; protein OS-9; endoplasmic reticulum lectin 2; ERLEC2; erlectin 2; OS 9; amplified in osteosarcoma 9; osteosarcoma amplified 9, endoplasmic reticulum associated protein; OS-9;

**Gene ID** 10956

**mRNA Refseq** NM\_006812

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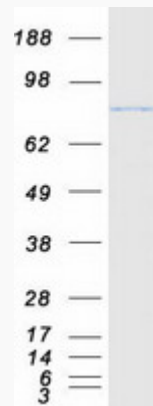
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Protein Refseq NP\_006803

MIM 609677

UniProt ID Q13438

SDS-PAGE



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