

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

**Cat. No.** OS9-6038H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | OS9 MS Standard C13 and N15-labeled recombinant protein (NP_001017958) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>Description</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>Molecular Mass</b>   | 73.82 kDa   |
| <b>AA Sequence</b>      | <p>MAAETLLSLLGLLLLGLLLPASLTGGVGS LNLEELSEMRYGIEILPLPVMGGQSQSS<br/>           DVVIVSSKYKQRYECRLPAGAIHFQREREEETPAYQGPGIPELLSPMRDAPCLLTK<br/>           DWWTYEFYGRHIQQYHMEDSEIKGEVLYLGYYSAFDWDDETAKASKQHRLKRY<br/>           HSQTYGNGSKCDLNGRPRAEVRFLCDEGAGISGDYIDRVDEPLSCSYVLTIRTPRL<br/>           CPHLLRPPPSAAPQAILCHPSLQPEEYMAVYVQRQADSKQYGDKII EELQDLGPQV<br/>           WSETKSGVAPQKMAGASPTKDDSKDSDFWKMLNEPEDQAPGGEEVPAEEQDPSP<br/>           EAADSASGAPNDFQNNVQVKVIRSPADLIRFIEELKGGTKKGGKPNIGQE QPVDDAAE<br/>           VPQREPEKERGDPERQREMEEEDEDEDEDEDEDERQLLGEFEKELEGILLPSDRD</p> |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RLRSETEKELDPDGLKKESERDRAMLALTSTLNKLIKRLLEEKQSPELVKKHKKRNV  
 PKKPPSPQPTEEDPEHRVVRVTKLRLGGPNQDLTVLEMKRENPLKQIEGLVKE  
 LLEREGHTAAGKIEIKIVRPWAEGTEEGARWLTDEDTRNLKEIFFNILVPGAEAAQKE  
 RQRQKELESNYRRVWGSPGGEGTGDLDEFDFTRTRPLEQKLISEEDLAANDILDYK  
 DDDDKV

**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\\_001017958](#)

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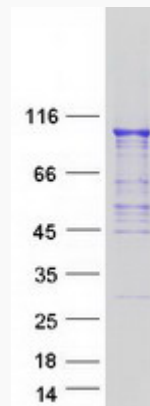
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**Protein Refseq**      NP\_001017958

**MIM**                    609677

**UniProt ID**            Q13438

**SDS-PAGE**



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