

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	MAAETLLSSLLGLLLLGLLLPA SLTGGVGS LNLEELSE MRYGIEILPLVMGGQSQSS DVVIVSSKYKQRYECRLPAGAIHFQREEREETPAYQGPGIPELLSPMRDAPCLLTK DWWTYEFCYGRHIQQYHMEDSEIKGEVLYLGYYQSAFDWDDDETAKASKQHRLKRY HSQTYGNGSKCDLNGRPRAEVRFLCDEGAGISGDYIDRVDEPLSCSYVLTIRTPRL CPHLLRPPPSAAPQAILCHPSLQPEEY MAYVQRQADSKQYGDKIIEELQDLGPQV WSETKSGVAPQKMAGASPTKDDSKDSDFWKMLNEPEDQAPGGEEVPAEEQDPSP EAADSASGAPNDFQNNVQVKVIRSPADLIRFIEELKGGTKKGKPNIGQE QPVDDAAE VPQREPEKERGDPERQREMEEEDEDEDEDEDEDERQLLGEFEKELEGILLPSDRD

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RLRSEVKAGMERELNIIQETEKELDPDGLKKESERDRAMLALTSTLNKLIKRLLEEKQ
 SPELVKKHKKKRVVPPKPPSPQPTTEEDPEHRVRVRVTKLRLGGPNQDLTVLEMKR
 ENPQLKQIEGLVKELLEREGLTAAAGKIEIKIVRPWAEGTEEGARWLTDEDTRNLKEIF
 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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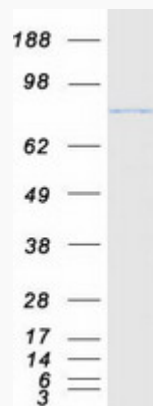
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Protein Refseq NP_006803

MIM 609677

UniProt ID Q13438

SDS-PAGE



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