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

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

SPECIFICATION

Product Overview	OS9 MS Standard C13 and N15-labeled recombinant protein (NP_001017958) 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	73.82 kDa
AA Sequence	MAAETLLSSLLGLLLLGLLLPASLTGGVGSLNLEELSEMRYGIEILPLPVMGGQSQSS DVVIVSSKYKQRYECRLPAGAIHFQREREEETPAYQGPGIPELLSPMRDAPCLLKTK DWWTYEFCYGRHIQQYHMEDSEIKGEVLYLGYYQSAFDWDDETAKASKQHRLKRY HSQTYGNGSKCDLNGRPREAEVRFLCDEGAGISGDYIDRVDEPLSCSYVLTIRTPRL CPHPLLRPPPSAAPQAILCHPSLQPEEYMAYVQRQADSKQYGDKIIEELQDLGPQV WSETKSGVAPQKMAGASPTKDDSKDSDFWKMLNEPEDQAPGGEEVPAEEQDPSP EAADSASGAPNDFQNNVQVKVIRSPADLIRFIEELKGGTKKGKPNIGQEQPVDDAAE VPQREPEKERGDPERQREMEEEEDEDEDEDEDEDERQLLGEFEKELEGILLPSDRD

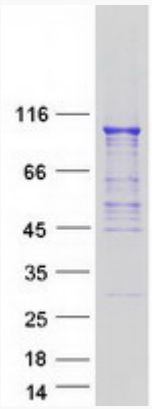
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	RLRSETEKELDPDGLKKESERDRAMLALTSTLNKLIKRLEEKQSPELVKKHKKKRVV PKKPPPSPQPTEEDPEHRVRVRVTKLRLGGPNQDLTVLEMKRENPQLKQIEGLVKE LLEREGLTAAGKIEIKIVRPWAEGTEEGARWLTDEDTRNLKEIFFNILVPGAEEAQKE RQRQKELESNYRRVWGSPGGEGTGDLDEFDFTRTRPLEQKLISEEDLAANDILDYK DDDDKV
Purity	> 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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Protein Refseq	NP_001017958
MIM	609677
UniProt ID	Q13438
SDS-PAGE	

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