

# Product datasheet for TP316820L

### OS9 (NM\_001017958) Human Recombinant Protein

#### **Product data:**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:Recombinant ProteinsDescription:Recombinant protein of human osteosarcoma amplified 9, endoplasmic reticulum associated protein (OS9), transcript variant 4, 1 mgSpecies:HumanExpression HOXAFKEX293TExpression cDNA Sequence:>RC216820 representing NM_001017958 Red=Cloning site Green=Tags(s)Species:MAAETLLSSLLGLLLLGLLLASLTGGVGSLNLEELSEMRYGIEILPLPVMGGQSQSDDVIVSSKYKQR YECRLPAGAIHEQREREETPAYQGPGIPELLSPMRDAPCLLKTKDWWTYEFCYGRHIQQYHMEDSEIKG EVLYLGYQSAFDWDDETAKASKQHRLKRYHSQTYGROSSKCDLNGRPREAEVRELCDEGAGIGSDVIDRV DEPLSCSYVLTIRTPRLCPHPLLRPPSAAPQAILCHPSLQPEEYMAVQQQADSKQYGDKIIEELQDLG PQVWSETKSGVAPQKMAGASPTKDDSKODPWKMLNEPEDQAPGGEEVPAEEQDPSPEAADSASGAPNDE QNNVQVKVIRSPADLIRFIEELGGILLPSDRDRLRSETEKELDPDGLKKESERDRAMLALTSTINLKILKRLE EKQSPELVKKHKKKRVPKKPPSPQPTEDPETBRVRRVRTKLRLGGPNQDLTVLEMKRENPQLKQIEGL VKELLEREGLTAAGKIEIKIVRPWAEGTEEGARWLTDEDTRNLKEIFFNILVPGAEEAQKERQRQKELES NVRRWGSPGGEGTGDLDEFDFTag:C-Myc/DDKTag:C-Myc/DDKPredicted MW:71.3 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Storage:Storage'C.	i oddet data.	
protein (OS9), transcript variant 4, 1 mgSpecies:HumanExpression Host:HEK293TExpression cDNA Clone or AA Sequence:>RC216820 representing NM_001017958MAAETLLSSLLGLLLLGLLLPASLTGGVGSLNLEELSEMRYGIEILPLPVMGGQSQSSDVVIVSSKYKQR YECRLPAGAIHFQREREEETPAYQGPGIPELLSPMRDAPCLLKTKDWWTYEFCYGRHIQQYHMEDSEIKG EVLYLGYYQSAFDWDDETAKASKQHRLKRYHSQTYGNGSKCDUNGRPREAEVRFLCDEGAGISGDYIDRV DEPLSCSWLTIRTPRLCPHPLLRPPPSAAPQAILCHPSLQPEEYMAYQQQADSKQYGDKIIEELQDLG PQVWSETKSGVAPQKMAGASPTKDDSKDSDFWKMLNEPEDQAPGGEVPAEEQDPSPEAADSASGAPNDF QNNVQVKVIRSPADLIRFIEELKGGTKKGKPNIGQEQPVDDAAEVPQREPEKERGDPERQREMEEEEDED EDEDEDEDEDEDEDEDCHQLLGEFEKELGOILLPSDRDRLRSETEKELDPDGLKKESERDRAMLALTSTINKLIKRLE EKQSPELVKKHKKRWVPKKPPPSPQPTEEDPEHRVRVRVTKLRLGGPNQDLTVLEMKRENPQLKQIEGL VKELLEREGLTAAGKIEIKNRPWAEGTEEGARWLTDEDTRNLKEIFFNILVPGAEEAQKERQRQKELES NVRRVWGSPGGEGTGDLDEFDFTag:C-Myc/DDKPredicted MW:1.3 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA Clone or AA Sequence:>RC216820 representing NM_001017958 Red=Cloning site Green=Tags(s)MAAETLLSSLLGLLLGLLLPAGAIHFQREEETPAYQGPGJPELLSPMRDAPCLLKTKDWWTYEFCYGRHIQQYHMEDSEIKG EVLYLGYYQSAFDWDDETAKASKQHRLKRYHSQTYGNGSKCDLNGRPREAEVRFLCDEGAGISGDYIDRV DEPLSCSYVLTIRTPRLCPHPLLRPPPSAAPQAILCHPSLQPEEVMAYQQRADSKQYGDKIIEELQDLG PQWVSETKSGVAPQKMAGASPTKDDSKDDFWKMLNEPEDQAPGGEEVPAEEQDPSPEAADSASGAPNDF QNNVQVKVIRSPADLIRFIEELKGGTKKGKPNIGQEQPVDDAAEVPQREPEKERGDPERQREMEEEEDED EDEDEDEDERQLLGFFEKELEGILLPSDRDR.RSETEKELDDPDGLKKESERDRAMLALTSTLNKLIKRLE EKQSPELVKKHKKKRVVPKKPPPSPQPTEEDPEHRVRVRVTKLRLGGPNQDLTVLEMKRENPQLKQIEGL VKELLEREGLTAAGKIEIKIVRPWAEGTEEGARWLTDEDTRNLKEIFFNILVPGAEEAQKERQRQKELES NYRRVWGSPGGEGTGDLDEFDFTag:C-Myc/DDKPredicted MW:71.3 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Description:	
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This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	OS9 (NM_001017958) Human Recombinant Protein – TP316820L
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 001017958</u>
Locus ID:	10956
UniProt ID:	<u>Q13438</u>
RefSeq Size:	2676
Cytogenetics:	12q13.3-q14.1
RefSeq ORF:	1956
Synonyms:	ERLEC2; OS-9
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families	Transmembrane

## **Product images:**

116 —	-
66 —	-
45 —	-
35 —	-
25 —	-
18 —	
14	-

Coomassie blue staining of purified OS9 protein (Cat# [TP316820]). The protein was produced from HEK293T cells transfected with OS9 cDNA clone (Cat# [RC216820]) using MegaTran 2.0 (Cat# [TT210002]).

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