

## Product datasheet for TP316820

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

#### Product data:

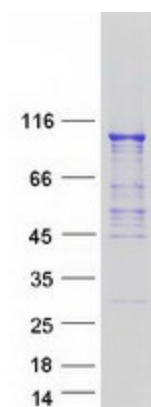
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human osteosarcoma amplified 9, endoplasmic reticulum associated protein (OS9), transcript variant 4, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC216820 representing NM_001017958 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAAETLLSSLLGLLLLLGLLLPASLTGGVGSLNLEELSEMRYGIEILPLPVMGGQSQSSDWIVSSKYKQR          YECRLPAGAIHFQREEREETPAYQGPGIPELLSPMRDAPCLLTKDWWTYEFCYGRHIQYHMEDSEIKG          EVLYLGYYSQAFDWDDETAKASKQHRLKRYHSQTYGNGSKCDLNGRPREAIEVFLCDEGAGISGDYIDRV          DEPLSCSYVLTIRTPRLCPHPLLRPPPSAAPQAILCHPSLQPEEYMAVYVQRQADSKQYGDKIIIEELQDLG          PQVWSETKSGVAPQKMAGASPTKDDSKDSDFWKMLNEPEDQAPGGEEVPAEEQDPSPEAADSASGAPNDF          QNNVQVKVIRSPADLIRFIEELKGGTKKGGKPNIGQEQPVDAAEVPQREPEKERGDPERQREMEEEDED          EDEDEDEDERQLLGEFEKELEGILLPSDRDLRSETEKELDPDGLKESERDRAMLALTSTLNKLIKRL          EKQSPPELVKKHKKRVPKPPSPQPTTEEDPEHRVVRVTKLRLGGPNQDLTVLEMKRENPLKQIEGL          VKELLEREGLTAAGKIEIKIVRPWAEGTEEGARWLTDDETRNLKEIFFNILVPGAEEAQKERQRQKELES          NYRRVWGSPGGEGTGDLDEFDF</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	71.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001017958</a>
<b>Locus ID:</b>	10956
<b>UniProt ID:</b>	<a href="#">Q13438</a>
<b>RefSeq Size:</b>	2676
<b>Cytogenetics:</b>	12q13.3-q14.1
<b>RefSeq ORF:</b>	1956
<b>Synonyms:</b>	ERLEC2; OS-9
<b>Summary:</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. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Transmembrane

### Product images:



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]).