

Product datasheet for **TP318206M**

OS9 (NM_006812) Human Recombinant Protein

Product data:

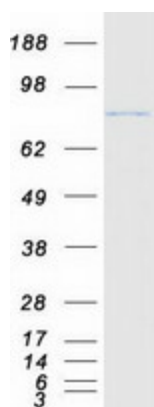
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human osteosarcoma amplified 9, endoplasmic reticulum associated protein (OS9), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218206 representing NM_006812 Red =Cloning site Green =Tags(s)
	<p>MAAETLLSSLLGLLLLGLLLPASLTGGVGSLNLEELSEMRYGIEILPLPVMGGQSQSSDWIVSSKYKQR YECRLPAGAIHFQREEREETPAYQGPGIPELLSPMRDAPCLLTKDWWTYEFCYGRHIQYHMEDSEIKG EVLYLGYYSQAFDWDDETAKASKQHRLKRYHSQTYGNGSKCDLNGRPREAEVRFLCDEGAGISGDYIDRV DEPLSCSYVLTIRTPRLCPHPLLRPPPSAAPQAILCHPSLQPEEYMAVYQRQADSKQYGDKIIIEELQDLG PQVWSETKSGVAPQKMAGASPTKDDSKDSDFWKMLNEPEDQAPGGEEVPAEEQDPSPEAADSASGAPNDF QNNVQVKVIRSPADLIRFIEELKGGTKKGGKPNIGQEQPVDDAAEVPQREPEKERGDPERQREMEEDED EDEDEDEDERQLLGEFEKELEGILLPSDRDRLRSEVKAGMERELENIIQETEKELDPDGLKKESERDRAM LALTSTLNKLIKRLEKQSPELVKKHKKRVPKPPSPQTEEDPEHRVRVRTLRLGGPNQDLTVL EMKRENPLKQIEGLVKELLERGLTAAGKIEIKIVRPAEGTEEGARWLTDEDTRNLKEIFFNILVPGA EEAQKERQRQKELESNYRRVWGSPGGEGTGDLDEFDF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	73 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	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:	Store at -80°C.



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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_006803</u>
Locus ID:	10956
UniProt ID:	<u>Q13438</u>
RefSeq Size:	2721
Cytogenetics:	12q13.3-q14.1
RefSeq ORF:	2001
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:



Coomassie blue staining of purified OS9 protein (Cat# [TP318206]). The protein was produced from HEK293T cells transfected with OS9 cDNA clone (Cat# [RC218206]) using MegaTran 2.0 (Cat# [TT210002]).