

Product datasheet for PH318206

OS9 (NM_006812) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OS9 MS Standard C13 and N15-labeled recombinant protein (NP_006803)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218206
Predicted MW:	75.56 kDa
Protein Sequence:	>RC218206 representing NM_006812 Red=Cloning site Green=Tags(s)
	<p>MAAETLLSLLGLLLLGLLLPASLTGGVGSLNLEELSEMRYGIEILPLPVMGGQSQSSDVVIVSSKYKQR YECRLPAGAIHFQREEREETPAYQGPGIPELLSPMRDAPCLLTKTDWWTYEFYGRHIQQYHMEDSEIKG EVLVLYGYYQSAFDWDEETAKASKQHRLKRYHSQTYGNGSKCDLNGRPREAEVRFLLCDEGAGISGDYIDRV DEPLSCSYVLTIRTPRLCPHLLRPPPSAAPQAILCHPSLQPEEYMAVYVQRQADSKQYGDKIEELQDLG PQVWSETKSGVAPQKMAGASPTKDDSKDSDFWKMLNEPEDQAPGGEEVPAEEQDPSPEAADSASGAPNDF QNNVQVKVIRSPADLIRFIEELKGGTKKGNIGQEQPVDAAEVQREPEKERGDPERQREMEEEDEDED EDEDEDEDERQLLGEFEKELEGILLPSDRDLRSEVKAGMERLENI IQETEKELDPDGLKKESEDRAM LALTSTLNKLIKRLKQIEGLVKELLEREGLTAAGKIEIKIVRPWAEGTEEGARWLTDEDTRNLKEIFFNILVPGA EEAQKERQRKELESNYRRVWGSPPGGEGTDLDEFDF</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006803</u>
RefSeq Size:	2721



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RefSeq ORF: 2001

Synonyms: ERLEC2; OS-9

Locus ID: 10956

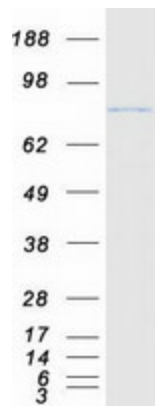
UniProt ID: [Q13438](#)

Cytogenetics: 12q13.3-q14.1

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]).