

Product datasheet for PH322172

ISM1 (NM_080826) Human Mass Spec Standard

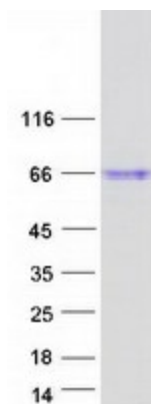
Product data:

Product Type:	Mass Spec Standards
Description:	ISM1 MS Standard C13 and N15-labeled recombinant protein (NP_543016)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222172
Predicted MW:	51.9 kDa
Protein Sequence:	>RC222172 representing NM_080826 Red=Cloning site Green=Tags(s) MVRLAAELLLLLLGLLLLLLHITVLRGSGAADGPDAAAGNASQAQLQNNLNVGSDTTSETSFSLSKEAPRE HLDHQAAHQPFPRFRQETGHPQLRDFPRFLLDLPNFPDLKADINGQNPNIQVTIEVVDGPDSEAD KDQHPENKPSWSVSPDWRWWQSLSLARANSQDQDYKDYDSTSDSNFLNPPRGWDHTAPGHRTFETKD QPEYDSTDGEGDWSLWSVCSVTCGNGNQKRTSCGYACTATESRTCDRPNCPGIEDTFRTAATEVSLLAG SEEFNATKLFVDTDSCERWMSCKSEFLKMYMHKVMNDLPSCPCSYPTEVAYSTADIFDRIKRKDFRWKD ASGPKEKLEIYKPTARYCIRSMLSLESTTLAAQHCCYGDNMQLITRGKGAGTPNLISTEFSaelhykvdv LPWIICKGDWSRYNEARPPNNGQKCTESPSDEDIKQFQEArey SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_543016</u>
RefSeq Size:	2610
RefSeq ORF:	1392
Synonyms:	bA149118.1; C20orf82; dj107712.1; ISM; Isthmin



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Locus ID: 140862
UniProt ID: [B1AKI9](#)
Cytogenetics: 20p12.1
Summary: Acts as an angiogenesis inhibitor.[UniProtKB/Swiss-Prot Function]

Product images:

Coomassie blue staining of purified ISM1 protein (Cat# [TP322172]). The protein was produced from HEK293T cells transfected with ISM1 cDNA clone (Cat# [RC222172]) using MegaTran 2.0 (Cat# [TT210002]).