

Product datasheet for PH307440

MPND (NM_032868) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MPND MS Standard C13 and N15-labeled recombinant protein (NP_116257)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207440
Predicted MW:	50.5 kDa
Protein Sequence:	>RC207440 representing NM_032868 Red =Cloning site Green =Tags(s)

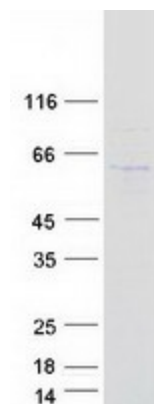
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 TRRAVTLRVLLKDALLEPGAGVLSIYYLGKKFLGDLQPDGRIMWQETGQTFNPSAWATHCKKLVNPAKK
 SGCGWASVKYKGQKLDKYKATWLRHLQLHTPATAADESPASEGEEEEELMEEEEEDVLAVSAEDKSRRP
 LGKSPSEPAHPEATTPGKRVDKIRVPVRYCMLGSRDLARNPHTLVEVTSFAAINKFQPFNVAVSSNVLF
 LLDFFSHLTRSEVVGYLGGWDVNSQMLTVLRAFPSCRSLGDAETAAAIIEEIYQSLFLRGLSLVGWYHS
 HPHSPALPSLQDIDAQMDYQLRLQGSSNGFQPCALLCSPYSGNPGPESKISPFWMPPPEMLLVEFYK
 GSPDLVRLQEPWSQEHTYLDKLIKISLASRTPKDQSLCHVLEQVCGVLKQGS

TRRLEQKLISEEDLAANDILDYKDDDDKV

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_116257</u>
RefSeq Size:	1530
RefSeq ORF:	1413
Locus ID:	84954


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UniProt ID: [Q8N594](#)
Cytogenetics: 19p13.3
Summary: Probable protease.[UniProtKB/Swiss-Prot Function]
Protein Families: Druggable Genome, Transcription Factors

Product images:


Coomassie blue staining of purified MPND protein (Cat# [TP307440]). The protein was produced from HEK293T cells transfected with MPND cDNA clone (Cat# [RC207440]) using MegaTran 2.0 (Cat# [TT210002]).