

Product datasheet for PH306096

MPP7 (NM_173496) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MPP7 MS Standard C13 and N15-labeled recombinant protein (NP_775767)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206096
Predicted MW:	65.6 kDa
Protein Sequence:	>RC206096 protein sequence Red=Cloning site Green=Tags(s)

MPALSTGSGSDTGLYELLAALPAQLQPHVDSQEDLTFLWDMFGEKSLHSLVKIHEKLYEYKQSPVPILH
GAAALADDLAEELQNKPLNSEIRELLKLLSKPNVKALLSVHDTVAQKNYDPVLPMPEDIDDEEDSVKII
RLVKNREPLGATIKKDEQTGAIIVARIMRGAADRSLIHVGDDELREVNIPVEDKRPEEIIQILAQSQG
AITFKIIPGSKEETPSKEGKMFICALFDYNPNEKAIIPCKEAGLSFKKGDILQIMSQDDATWWQAKHEAD
ANPRAGLIPSKHFQERRLALRRPEILVQPLKVSNRKSSGFRRSFRLSRKDKKTKNSMYECKKSDQYDTAD
VPTYEEVTPYRRQTNEKYRLVVLVGPVGVGLNELKRKLLISDTQHYGVTVPHTRARRSQESDQVEYIFI
SKHLFETDVQNNKFIEYGEYKNNYYGTSIDSVRSVLAKNKVCLLDVQPHTVKHLRRTLEFKPYVIFIKPPS
IERLRTRKNAKIISSRDDQGAAPFTEEDFQEMIKSAQIMESQYGHLLFDKIIINDDLTVAFNELKTTFD
KLETETHWVPVSWLHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	NP_775767
RefSeq Size:	5207
RefSeq ORF:	1728



[View online »](#)

Locus ID: 143098

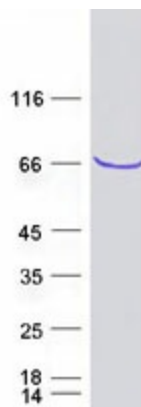
UniProt ID: [Q5T2T1](#)

Cytogenetics: 10p12.1

Summary: The protein encoded by this gene is a member of the p55 Stardust family of membrane-associated guanylate kinase (MAGUK) proteins, which function in the establishment of epithelial cell polarity. This family member forms a complex with the polarity protein DLG1 (discs, large homolog 1) and facilitates epithelial cell polarity and tight junction formation. Polymorphisms in this gene are associated with variations in site-specific bone mineral density (BMD). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified MPP7 protein (Cat# [TP306096]). The protein was produced from HEK293T cells transfected with MPP7 cDNA clone (Cat# [RC206096]) using MegaTran 2.0 (Cat# [TT210002]).