

Product datasheet for PH322509

DPPA5 (NM_001025290) Human Mass Spec Standard

Product data:

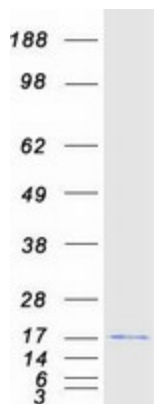
Product Type:	Mass Spec Standards
Description:	DPPA5 MS Standard C13 and N15-labeled recombinant protein (NP_001020461)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222509
Predicted MW:	13.3 kDa
Protein Sequence:	>RC222509 representing NM_001025290 Red =Cloning site Green =Tags(s) MGTLPARRHIPPWVKVPEDLKDPEVFQVQTRLLKAIIFGPDGSRIPYIEQVSKAMLELKALESSDLTEVVV YGSYLYKLRTKWMLQSMAEWHRQRQERGMLKLAEAMNALELGPWMK TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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_001020461
RefSeq Size:	612
RefSeq ORF:	348
Synonyms:	ESG1
Locus ID:	340168
UniProt ID:	A6NC42
Cytogenetics:	6q13



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Summary:

This gene encodes a protein that may function in the control of cell pluripotency and early embryogenesis. Expression of this gene is a specific marker for pluripotent stem cells. Pseudogenes of this gene are located on the short arm of chromosome 10 and the long arm of chromosomes 14 and 19. [provided by RefSeq, Dec 2010]

Product images:

Coomassie blue staining of purified DPPA5 protein (Cat# [TP322509]). The protein was produced from HEK293T cells transfected with DPPA5 cDNA clone (Cat# [RC222509]) using MegaTran 2.0 (Cat# [TT210002]).