

Recombinant Human DPPA5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DPPA5-851H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DPPA5 MS Standard C13 and N15-labeled recombinant protein (NP_001020461) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	13.3 kDa
AA Sequence	MGTLPARRHIPPWVKVPEDLKDPEVFQVQTRLLKAIFGPDGSRIPYIEQVSKAMLELK ALESSDLTEVVVYGSYLYKLRTKWMLQSMAEWHRQRQERGMLKLAEAMNALELGP WMKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	50 µg/mL as determined by BCA
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Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
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GENE INFORMATION

Gene Name	DPPA5 developmental pluripotency associated 5 [Homo sapiens (human)]
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Official Symbol	DPPA5
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Synonyms	developmental pluripotency associated 5; 19201; Ensembl:ENSG00000203909; developmental pluripotency-associated 5 protein;embryonal stem cell specific gene 1; ESG1
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Gene ID	340168
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mRNA Refseq	NM_001025290
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Protein Refseq	NP_001020461
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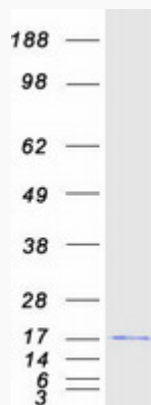
MIM	611111
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UniProt ID	A6NC42
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SDS-PAGE

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