

## Product datasheet for PH322663

### SP5 (NM\_001003845) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SP5 MS Standard C13 and N15-labeled recombinant protein (NP_001003845)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222663
Predicted MW:	41.8 kDa
Protein Sequence:	>RC222663 representing NM_001003845 Red=Cloning site Green=Tags(s)
	<p>MAAVAVLRNDSLQAFLLQDRTPSASPDLGKHSPLALLAATCSRIGQPGAAAPPDFLQVPYDPALGSPSRLF            HPWTADMPAHSPGALPPPHSLGLTPQKTHLQPSFGAAHELPLTPPADPSYPYEFSPVKMLPSSMAALPA            SCAPAYVPYAAQAALPPGYSNLLPPPPPPPPPTCRQLSPNPAPDDLPPWSIPQAGAGPGASGVPGSGLS            GACAGAPHAPRFPASAAAAAAAAAALQRLVLPSPDFAQYQSQIAALLQTKAPLAATARRCRRRCPCNCQ            AAGGAPEAEPGKKKQHVCHVPGCGKVYGKTSHLKAHLRWHTGERPFVCNWLFCGKSFTRSDELQRHLRTH            TGEKRFACPECGKRFMRSDHLAKHVKTHQNKLLKVAEAGVKREDARDL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001003845</a>
RefSeq Size:	1941
RefSeq ORF:	1194
Locus ID:	389058
UniProt ID:	<a href="#">Q6BEB4</a>



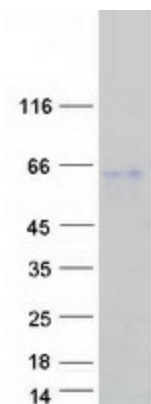
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**Cytogenetics:** 2q31.1

**Summary:** Binds to GC boxes promoters elements. Probable transcriptional activator that has a role in the coordination of changes in transcription required to generate pattern in the developing embryo (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transcription Factors

**Product images:**



Coomassie blue staining of purified SP5 protein (Cat# [TP322663]). The protein was produced from HEK293T cells transfected with SP5 cDNA clone (Cat# [RC222663]) using MegaTran 2.0 (Cat# [TT210002]).