

Product datasheet for TP305688

SPDEF (NM_012391) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SAM pointed domain containing ets transcription factor (SPDEF), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205688 protein sequence Red =Cloning site Green =Tags(s)
	MGSASPGLSSVSPSHLLLPPDVTVSRTGLEKAAAGAVGLERRDWSPSPATPEQGLSAFYLSYFDMLYPED SSWAAKAPGASSREPPPEPEQCPVIDSQAPAGSLDLVPGGLTLEEHSLEQVQSMVGEVLKDIETACKL LNITADPMDWSPSNVQKWLWTEHQYRLPPMGKAFQELAGKELCAMSEEQFRQRSPGGDLVLAHLDIWK SAAWMKERTSPGAIHYCASTSEESWTDSEVDSSCSGQPIHLWQFLKELLKPHSYGRFIRWLNKEKGIFK IEDSAQVARLWGIRKNRPAMNYDKLSRSIRQYYKGIIRKPDISQRLVYQFVHPI
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	37.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_036523
Locus ID:	25803



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UniProt ID: [O95238](#)

RefSeq Size: 1914

Cytogenetics: 6p21.31

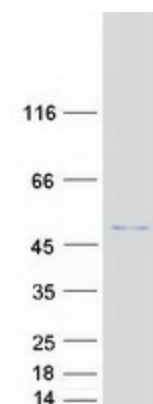
RefSeq ORF: 1005

Synonyms: bA375E1.3; PDEF

Summary: The protein encoded by this gene belongs to the ETS family of transcription factors. It is highly expressed in the prostate epithelial cells, and functions as an androgen-independent transactivator of prostate-specific antigen (PSA) promoter. Higher expression of this protein has also been reported in brain, breast, lung and ovarian tumors, compared to the corresponding normal tissues, and it shows better tumor-association than other cancer-associated molecules, making it a more suitable target for developing specific cancer therapies. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified SPDEF protein (Cat# TP305688). The protein was produced from HEK293T cells transfected with SPDEF cDNA clone (Cat# [RC205688]) using MegaTran 2.0 (Cat# [TT210002]).