

Recombinant Mouse Spdef Protein, Myc/DDK-tagged

Cat. No. Spdef-6088M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SAM pointed domain containing ets transcription factor (Spdef), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May function as an androgen-independent transactivator of the prostate-specific antigen (PSA) promoter. Binds to 5'-GGAT-3' DNA sequences. May play a role in the regulation of the prostate gland and/or prostate cancer development. Acts as a transcriptional activator for SERPINB5 promoter.
Molecular Mass	36.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Spdef SAM pointed domain containing ets transcription factor [Mus musculus (house mouse)]
Official Symbol	Spdef
Synonyms	SPDEF; SAM pointed domain containing ets transcription factor; SAM pointed domain-containing Ets transcription factor; prostate-specific Ets; prostate-derived Ets factor; prostate specific ets transcription factor; prostate epithelium-specific Ets transcription factor; Pse; PDEF
Gene ID	30051
mRNA Refseq	NM_013891
Protein Refseq	NP_038919
UniProt ID	Q9WTP3

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