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Recombinant Surfactant Associated Protein D (SPD)

Catalog Number: SIPB527Mu01 **Spec: 10ug**

Product Name	Recombinant Surfactant Associated Protein D (SPD)
Catalog Number	SIPB527Mu01
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Gly45~Pro221
Tags	N-terminal His Tag
Subcellular Location	Secreted
Purity	> 97%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	9.7
Predicted Molecular Mass	17.8kDa
Accurate Molecular Mass	20/21kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

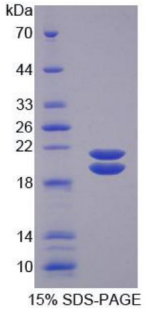
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

GLPGRD
GRDGREGPRG EKGDPGLPGP MGLSGLQGPT GPVGPKGENG SAGEPGPKGE
RGLSGPPGLP GIPGPAGKEG PSGKQGNIGP QGKPGPKGEA GPKGEVGAPG
MQGSTGAKGS TGPKGERGAP GVQGAPGNAG AAGPAGPAGP QGAPGSRGPP
GLKGDRGVPG DRGIKGESGL P

[IDENTIFICATION]



15% SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.