

Surfactant Associated Protein D (SPD) Recombinant Protein | SPD recombinant protein

Eukaryotic Surfactant Associated Protein D (SPD)

CATALOG # AAA152077	HOST CHOS	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Surfactant Associated Protein D (SPD); Eukaryotic Surfactant Associated Protein D (SPD); SPD/Surfactant Associated Protein D; SFTPD; COLEC7; PSP-D; SFTP4; SP-D; Pulmonary Surfactant Protein D; Collectin-7; Lung surfactant protein D; SPD recombinant protein

PRODUCT SPECIFICATIONS

Host	CHOS
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Ala20~Phe374
Applicable Applications for SPD recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Eukaryotic expression
Species	Rat
Isoelectric Point	7.7
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



SDS-PAGE
SDS-PAGE



Sequence

ADDITIONAL INFORMATION

Product Categories/Family for SPD recombinant protein	Infection immunity; Pulmonology; Eukaryotic Recombinant proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7949133
NCBI GeneID	25350
NCBI Accession #	NP_037010.1
NCBI GenBank Nucleotide #	NM_012878.2
UniProt Accession #	P35248
Molecular Weight	37,561 Da
NCBI Official Full Name	pulmonary surfactant-associated protein D
NCBI Official Synonym Full Names	surfactant protein D
NCBI Official Symbol	Sftpd
NCBI Official Synonym Symbols	SPD; SP-D
NCBI Protein Information	pulmonary surfactant-associated protein D
UniProt Protein Name	Pulmonary surfactant-associated protein D
UniProt Gene Name	Sftpd
UniProt Synonym Gene Names	Sftp4; PSP-D; SP-D

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/sftpd-recombinant-protein-chos-wb-western-blot-sds-page-immunogen-positive-control/152077>