

Recombinant Rhesus SFTPD protein, His-tagged

Cat. No. SFTPD-4178R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus SFTPD(Met 1-Phe 375) fused with His tag at C-terminal was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met 1-Phe 375
Description	SFTPD played an important role in many functions.
Predicted N Terminal	Asp 22
Form	<p>Lyophilized from sterile PBS, pH 7.4</p> <ol style="list-style-type: none"> Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant rhesus SFTPD consists of 365 amino acids and has a calculated molecular mass of 36.8 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute in PBS or others.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	SFTPD surfactant protein D [<i>Macaca mulatta</i>]
Official Symbol	SFTPD
Synonyms	SFTPD; PSP-D; SP-D; lung surfactant protein D; surfactant, pulmonary-associated protein D
Gene ID	678657
mRNA Refseq	NM_001040193
Protein Refseq	NP_001035283
UniProt ID	Q1PBC5

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