# Recombinant Rhesus SFTPD protein, His-tagged

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

## SPECIFICATION

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| **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** | Lyophilized from sterile PBS, pH 7.4<br>1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.<br>2. 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.<br>Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |

## GENE INFORMATION

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| **Gene Name** | SFTPD surfactant protein D [ Macaca mulatta ] |
| **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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