

## Product datasheet for **TP526883**

### Sftpb (NM\_147779) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse surfactant associated protein B (Sftpb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR226883 representing NM_147779
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAKSHLLQWLLLLPTLCCPGAAITSASSLECAQGPQFWCQSLEHAVQCRA LGHCLQE VVWGHAGANDLCQE  
CEDIVHLLTKMTKEDAFQEAIKRFLEQEC DILPLKLLVPCRQVLDVYLPLVIDYFQSQINPKAICNHVG  
LCPRGQAKPEQNP GMPDAVPNPLLDKLVLPVLP GALLARPGPHTQDFSEQQLPIPLPFCWLCRTLIKRVQ  
AVIPKGV LAVAVSQVCHV VPLVWVGICQCLAERYTVLLLDALLGRVVPQLVCGLVLCSTEDAMGPALPA  
VEPLIEEWPLQDTECHFCKSVINQAWNTSEQAMPQAMHQACLRFWLDRQKCEQFVEQHMPQLLALVPRSQ  
DAHITCQALGVCEAPASPLQCFQTPHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	57.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_680088</a>
Locus ID:	20388
UniProt ID:	<a href="#">P50405</a>



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<b>RefSeq Size:</b>	1887
<b>Cytogenetics:</b>	6 32.27 cM
<b>RefSeq ORF:</b>	1131
<b>Synonyms:</b>	A1562151; SF-B; Sftp-3; Sftp3; SP-B
<b>Summary:</b>	Pulmonary surfactant-associated proteins promote alveolar stability by lowering the surface tension at the air-liquid interface in the peripheral air spaces. SP-B increases the collapse pressure of palmitic acid to nearly 70 millinewtons per meter.[UniProtKB/Swiss-Prot Function]