

## Product datasheet for **TP725376**

### Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Surfactant protein D/SP-D (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala21-Phe375
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.2
Note:	Recombinant Human Surfactant protein D/SP-D (C-His) is produced by our Mammalian expression system and the target gene encoding GL signal- Ala21-Phe375-VD-6His is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	Human Surfactant protein is a part of the collectin family of C-type lectins which are synthesized in respiratory epithelial cells in the lungs and contains two types of domains: C-type lectin and collage-like. This protein is a humoral molecule of the innate immune system and is involved in the development of acute and chronic inflammation of the lungs. Human Surfactant protein can be a therapeutic option for cystic fibrosis and a serum of this protein can be used as a disease activity marker for interstitial lung diseases.



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