

Recombinant Human Prosurfactant Protein B ab114372

1 Image

Description

| | |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name | Recombinant Human Prosurfactant Protein B |
| Expression system | Wheat germ |
| Accession | P07988 |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | MAESHLLQWLLLLLPTLCGPGTAAWTTSSLACAQGPEFW CQSLEQALQCR ALGHCLQEYVWGHVGADDLCQECEDIVHILNKMAKEAIFQ DTMRKFLEQEC NVLPLKLLMPQC�QVLDYFPLVIDYFQNTDSNGICMHL GLCKSRQPEP EQEPGMSDPLPKPLRDPLDLLDKLVLPVLPALQARP GPHTQDLSEQQ FPIPLPYCWLCRALIKRIQAMIPKGALAVAVAQVCRVVPLV AGGICQCLA ERYSVILLDTLLGRMLPQLVCRLVLRCSMDDSAGPRSPTG EWLPRDSECH LCMSVTTQAGNSSEQAIPQAMLQACVGSWLDREKCKQF VEQHTPQLLTLV PRGWDAAHTTCQALGVCCTMSSPLQCIHSPDL |
| Predicted molecular weight | 69 kDa including tags |
| Amino acids | 1 to 381 |
| Tags | GST tag N-Terminus |
| Description | Recombinant Human Prosurfactant Protein B |

Specifications

Our **Abpromise guarantee** covers the use of **ab114372** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|--------------|-------|
| Applications | ELISA |
|--------------|-------|

| | |
|-------------------------|--------------|
| | SDS-PAGE |
| | Western blot |
| Form | Liquid |
| Additional notes | |

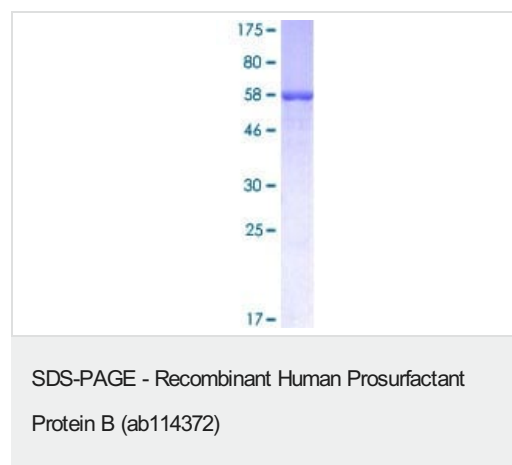
Preparation and Storage

| | |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stability and Storage | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

General Info

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|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function | 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. |
| Involvement in disease | Pulmonary surfactant metabolism dysfunction 1 Respiratory distress syndrome in premature infants |
| Sequence similarities | Contains 1 saposin A-type domain. Contains 3 saposin B-type domains. |
| Cellular localization | Secreted, extracellular space, surface film. |

Images



12.5% SDS-PAGE with ab114372 stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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