

## Product datasheet

# Recombinant Human Uteroglobin protein ab176042

### Description

<b>Product name</b>	Recombinant Human Uteroglobin protein	
<b>Purity</b>	≥ 98 % SDS-PAGE.	
<b>Endotoxin level</b>	< 0.100 Eu/μg	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P11684</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MEICPSFQRVIETLLMDTPSSYEAMELFSPDQDMREAGA QLKKLVDTLP QKPRESIIKLMEKIAQSSLCN	
<b>Predicted molecular weight</b>	8 kDa	
<b>Amino acids</b>	22 to 91	
<b>Additional sequence information</b>	(Homodimeric protein consisting of 142 amino acid residues).	

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab176042** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE HPLC
<b>Form</b>	Lyophilized

### Preparation and Storage

**Stability and Storage** Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Upon reconstitution add a carrier protein (0.1% BSA). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituent: 100% PBS

**Reconstitution** Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do

not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C

## General Info

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<b>Function</b>	Binds phosphatidylcholine, phosphatidylinositol, polychlorinated biphenyls (PCB) and weakly progesterone, potent inhibitor of phospholipase A2.
<b>Tissue specificity</b>	Clara cells (nonciliated cells of the surface epithelium of the pulmonary airways).
<b>Sequence similarities</b>	Belongs to the secretoglobin family.
<b>Cellular localization</b>	Secreted.

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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