

Recombinant Human SMCP protein ab171603

1 Image

Description	
Product name	Recombinant Human SMCP protein
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P49901</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMCDQTKH SKCCPAKGNQ CCPPQQNQCC QSKGNQCCPP KQNQCCQPKG SQCCPPKHNH CCQPKPPCCI QARCCGLETK PEVSPLNMES EPNSPQTQDK GCQTQQQPHS PQNESRPSK
Predicted molecular weight	15 kDa including tags
Amino acids	1 to 116
Tags	His tag N-Terminus

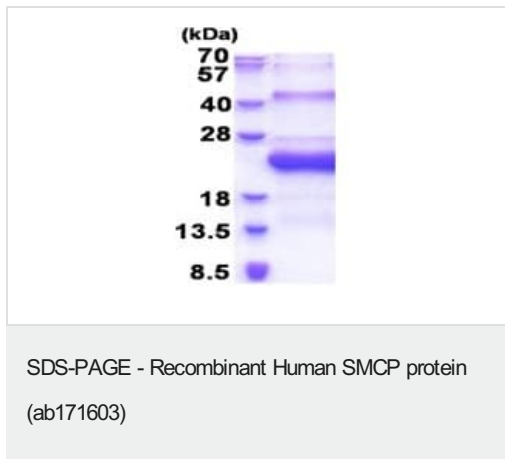
Specifications	
Our <u>Abpromise guarantee</u> covers the use of ab171603 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE
Form	Liquid

Preparation and Storage	
Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.002% PMSF, 0.32% Tris HCl, 0.01% EDTA, 20% Glycerol (glycerin, glycerine),

General Info

Function	Involved in sperm motility. Its absence is associated with genetic background dependent male infertility. Infertility may be due to reduced sperm motility in the female reproductive tract and inability to penetrate the oocyte zona pellucida.
Tissue specificity	Testis. Is selectively expressed in the spermatids of seminiferous tubules.
Developmental stage	Expressed in postmeiotic cells.
Cellular localization	Cytoplasm. Mitochondrion membrane. Becomes associated with the spermatid mitochondrion capsule at step 16 of spermatogenesis.

Images



15% SDS-PAGE analysis of 3µg ab171603.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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