

Product datasheet

Recombinant Human SPACA3 protein ab165225

1 Image

Description

Product name	Recombinant Human SPACA3 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MVSALRGAPLIRVHSSPVSSPSVSGPRRLVSLSSQSSA LSQSGGGSTSA AGIARSRALRRRWCPAGIMLLALVCLLSCLLPSEAKLY GRCELARVLH DFGLDGYRGYSLADWVCLAYFTSGFNAAAALDYADGSTN NGIFQINSRRW CSNLTPNVPN/CRMYCSDLLNPNLKDTVICAMKITQEPQG LGYWEAWRHH CQGKDLTEWVDGCDF</p>
Amino acids	1 to 215
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab165225** in the following tested applications.

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

Applications	Western blot
	ELISA
Form	Liquid

Additional notes

Preparation and Storage

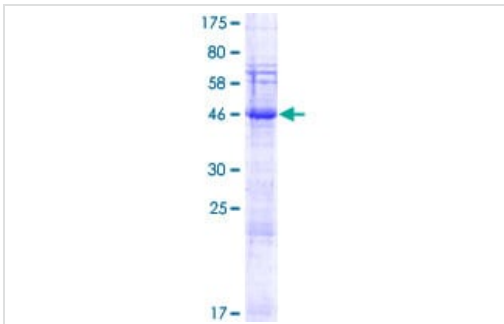
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Sperm surface membrane protein that may be involved in sperm-egg plasma membrane adhesion and fusion during fertilization. It could be a potential receptor for the egg oligosaccharide residue N-acetylglucosamine, which is present in the extracellular matrix over the egg plasma membrane. The processed form has no detectable bacteriolytic activity in vitro.
Tissue specificity	The processed form is expressed in sperm (at protein level). Expressed in testis, epididymis and placenta.
Sequence similarities	Belongs to the glycosyl hydrolase 22 family.
Post-translational modifications	The processed form derives from the membrane form by proteolytic processing.
Cellular localization	Secreted and Cytoplasmic vesicle > secretory vesicle > acrosome membrane. Anterior acrosome in non-capacitated spermatozoa and retained in the equatorial segment and in the luminal face of both the inner and outer acrosomal membranes following capacitation and the acrosome reaction.

Images



ab165225 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human SPACA3 protein
(ab165225)

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

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