

## Product datasheet

### Recombinant Human Moesin protein ab64309

1 Image

#### Description

<b>Product name</b>	Recombinant Human Moesin protein
<b>Purity</b>	> 95 % Densitometry.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Predicted molecular weight</b>	50 kDa
<b>Amino acids</b>	410 to 577
<b>Tags</b>	GST tag N-Terminus
<b>Additional sequence information</b>	Recombinant fragment, corresponding to amino acids 410-end of Human Moesin.

#### Specifications

Our **Abpromise guarantee** covers the use of **ab64309** 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
<b>Form</b>	Liquid

#### Preparation and Storage

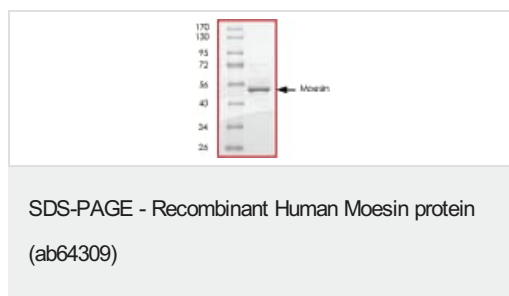
<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
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#### General Info

<b>Function</b>	Probably involved in connections of major cytoskeletal structures to the plasma membrane.
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<b>Tissue specificity</b>	In all tissues and cultured cells studied.
<b>Sequence similarities</b>	Contains 1 FERM domain.
<b>Post-translational modifications</b>	Phosphorylation on Thr-558 is crucial for the formation of microvilli-like structures.
<b>Cellular localization</b>	Cell membrane. Cytoplasm > cytoskeleton. Apical cell membrane. Cell projection > microvillus membrane. Phosphorylated form is enriched in microvilli-like structures at apical membrane (By similarity). Increased cell membrane localization of both phosphorylated and non-phosphorylated forms seen after thrombin treatment.

## Images



ab64309 on SDS-PAGE, MW 50kDa.

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

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