

Product datasheet

Recombinant Human MARCKS protein ab152508

1 Image

Description	
Product name	Recombinant Human MARCKS protein
Expression system	Wheat germ
Accession	<u>P29966</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	GAQFSKTAAKGEAAAERPGEAAVASSPSKANGQENGHV KVNGDASPAAAE SGAKEELQANGSAP
Predicted molecular weight	33 kDa including tags
Amino acids	2 to 65

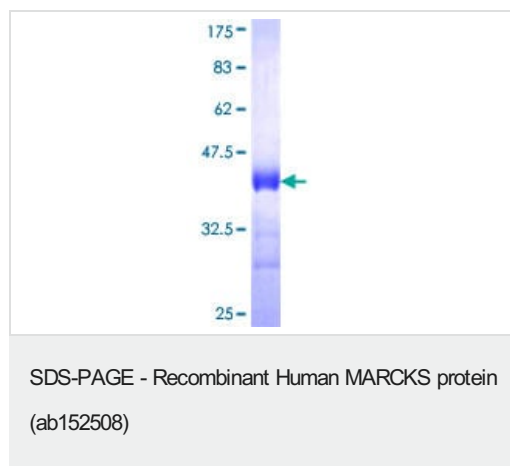
Specifications	
Our <u>Abpromise guarantee</u> covers the use of ab152508 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional 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: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	MARCKS is the most prominent cellular substrate for protein kinase C. This protein binds calmodulin, actin, and synapsin. MARCKS is a filamentous (F) actin cross-linking protein.
Sequence similarities	Belongs to the MARCKS family.
Post-translational modifications	Phosphorylation by PKC displaces MARCKS from the membrane. It also inhibits the F-actin cross-linking activity.
Cellular localization	Cytoplasm > cytoskeleton. Membrane.

Images



12.5% SDS-PAGE analysis of ab152508 stained with Coomassie Blue.

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