

Product datasheet

Recombinant Human Spir-1 protein ab163422

1 Image

Overview

Product name	Recombinant Human Spir-1 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	MRLPSKPYSTLPFSLGPSALQRGESSMRSEKPSTAH HRPLRSIARFSSK SKSMDKSDEELQFPKELMEDWSTMEVCVDCKKFISEI ISSRRSLVLANK RARLKRKTQSFYMSSPGPSEYCPSSERTISEI
Amino acids	1 to 131
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab163422** 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	Protein concentration is above or equal to 0.05 mg/ml. Previously labelled as SPIRE1.

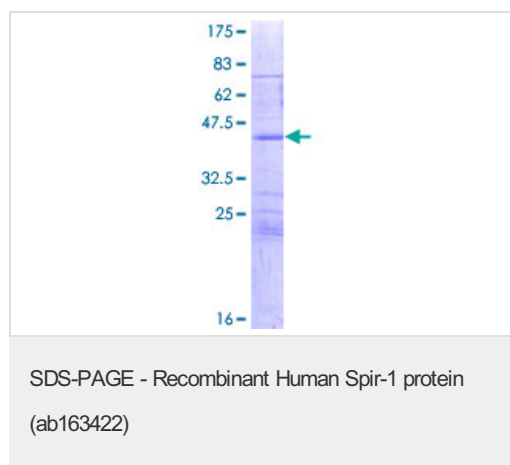
Preparation and Storage

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
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General Info

Function	Acts as a actin nucleation factor, remains associated with the slow-growing pointed end of the new filament. Involved in vesicle transport processes providing a novel link between actin organization and intracellular transport.
Sequence similarities	Belongs to the spire family. Contains 1 KIND domain. Contains 2 WH2 domains.
Domain	Binds to actin monomers via the WH2 domain. The Spir-box targets binding to intracellular membrane structures.
Cellular localization	Cytoplasm > cytoskeleton. Cytoplasm > perinuclear region. Punctate spots in perinuclear region and cytoplasm, co-localised with Rab11.

Images



ab163422 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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