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Datasheet for ABIN7317213

Moesin Protein (MSN) (AA 1-346) (His tag)

Overview

Quantity:	100 µg
Target:	Moesin (MSN)
Protein Characteristics:	AA 1-346
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Moesin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human MSN/Moesin Protein (aa 1-346, His Tag)
Sequence:	Met 1-Glu 346
Characteristics:	A DNA sequence encoding the human MSN (P26038) (Met 1-Glu 346) was expressed, with a polyhistidine tag at the N-terminus.
Purity:	> 80 % as determined by reducing SDS-PAGE.

Target Details

Target:	Moesin (MSN)
Alternative Name:	MSN/Moesin (MSN Products)
Background:	Background: Moesin is a member of the ERM family which includes ezrin and radixin. ERM proteins, highly related members of the larger protein 4.1 superfamily, can exist in an active or inactive conformation. It seems that ERM proteins function as cross-linkers between plasma

Target Details

membranes and actin-based cytoskeletons. The sole *Drosophila* ERM protein, moesin, functions to promote cortical actin assembly and apical-basal polarity. As a result, cells lacking moesin lose epithelial characteristics and adopt invasive migratory behaviour. It is localized to filopodia and other membranous protrusions that are important for cell-cell recognition and signaling and for cell movement. Moesin contains 1 FERM domain and is expressed in all tissues and cultured cells studied. Moesin has been shown to interact with CD43, Neutrophil cytosolic factor 1, VCAM-1, Neutrophil cytosolic factor 4, ICAM3 and EZR.

Synonym: HEL70

Molecular Weight: 42.8 kDa

UniProt: [P26038](#)

Pathways: [Asymmetric Protein Localization](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 0.5M NaCl, pH 8.0

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.