Recombinant Human MSN/Moesin Protein (aa 1-346, His Tag)

Catalog No. PKSH030581

Note: Centrifuge before opening to ensure complete recovery of vial contents.

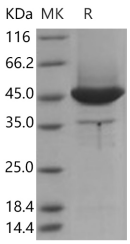
Description

Synonyms	HEL70
Species	Human
Expression Host	E.coli
Sequence	Met 1-Glu 346
Accession	P26038
Calculated Molecular Weight	42.8 kDa
Observed molecular weight	45 kDa
Tag	N-His
Bioactivity	Not validated for activity

Properties

Purity	> 80 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile 20mM Tris, 0.5M NaCl, pH 8.0 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 80 % as determined by reducing SDS-PAGE.

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

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cross-linkers between plasma 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.

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