

Recombinant Human Moesin, GST-tagged

Cat. No. MSN-1472H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Moesin (410-end) was expressed in <i>E. coli</i> cells using an N-terminal GST tag. MW = 50kDa.
Species	Human
Source	E.coli
Protein Length	410-end a.a.
Description	Moesin (or membrane-organizing extension spike protein) belongs to ERM family that modulates epithelial integrity by regulating cell-signalling events that affect actin organization and polarity. The effects of Moesin on epithelial cells appear to result from inhibition of Rho signaling. ERM proteins serve a structural role in linkage of the cytoskeleton to the plasma membrane and the rescue of cells lacking Moesin by modulation of Rho signaling indicates that inhibition of Rho activity may be a more critical function of Moesin. The negative feedback loop produced by Rho's activation of ERM may be an important mechanism that prevents the excessive migratory and invasive properties characteristic of metastatic cancer cells.
Sequence	410-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable

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performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

Gene Name	MSN moesin [Homo sapiens]
Synonyms	MSN; moesin
Gene ID	4478
mRNA Refseq	NM_002444
Protein Refseq	NP_002435
MIM	309845
UniProt ID	P26038
Chromosome Location	Xq11.1
Pathway	Leukocyte transendothelial migration; Regulation of actin cytoskeleton
Function	actin binding; cell adhesion molecule binding; receptor binding; structural constituent of cytoskeleton

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