

## Product datasheet for **TP305674M**

### Moesin (MSN) (NM\_002444) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human moesin (MSN), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA** >RC205674 protein sequence  
**Clone or AA Sequence:** **Red**=Cloning site **Green**=Tags(s)

MPKTISVRVTMDAELEFAIQPNTTGKQLFDQVVKTIGLREVVFFGLQYQDTKGFSTWLKLNKKVTAQDV  
RKESPLLKFRAKFYPEDVSEELIQDITQRLFFLQVKEGILNDDIYCPETAVLLASYAVQSKYGFNKE  
VHKSGYLAGDKLLPQRVLEQHKLNKDQWEERIQVWHEEHRGMLREDAVLEYLKIAQDLEMYGVNYFSIKN  
KKGSELWLGVDALGLNIYEQNDRLTPKIGFPWSEIRNISFNDKKFVIKPIDKKAPDFVYAPRLRINKRI  
LALCMGNHELIMRRRKPDTIEVQQMKAQAREEKHQKQMERAMLENEKKKREMAEKEKEKIEREKEELMER  
LKQIEEQTKKAQQELEEQTRRALELEQERKRAQSEAEKLAKERQEAEEAKEALLQASRDQKKTQEQLALE  
MAELTARISQLEMARQKKESEAVEVWQKAQMVQEDLEKTRAEKLTAMSTPHVAEPAENEQDEQDENGAEA  
SADLRADAMAKDRSEERTTEAEKNERVQKHLKALTSELANARDESKKTANDMIHAENMRLGRDKYKTLR  
QIRQGNTKQRIDEFESM

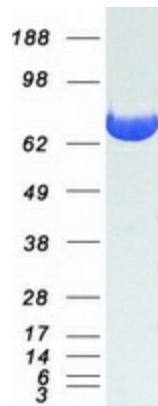
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 67.6 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.



[View online »](#)

<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_002435</a>
<b>Locus ID:</b>	4478
<b>UniProt ID:</b>	<a href="#">P26038</a> , <a href="#">V9HWC0</a>
<b>RefSeq Size:</b>	3981
<b>Cytogenetics:</b>	Xq12
<b>RefSeq ORF:</b>	1731
<b>Synonyms:</b>	HEL70; IMD50
<b>Summary:</b>	Moesin (for membrane-organizing extension spike protein) is a member of the ERM family which includes ezrin and radixin. ERM proteins appear to function as cross-linkers between plasma membranes and actin-based cytoskeletons. Moesin is localized to filopodia and other membranous protrusions that are important for cell-cell recognition and signaling and for cell movement. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Leukocyte transendothelial migration, Regulation of actin cytoskeleton

**Product images:**

Coomassie blue staining of purified MSN protein (Cat# [TP305674]). The protein was produced from HEK293T cells transfected with MSN cDNA clone (Cat# [RC205674]) using MegaTran 2.0 (Cat# [TT210002]).