

Recombinant Human MSN Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MSN-2126H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MSN MS Standard C13 and N15-labeled recombinant protein (NP_002435) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	67.8 kDa
AA Sequence	MPKTISVRVTTMDAELEFAIQPNTTGKQLFDQVVKITIGLREVWFFGLQYQDTKGFST WLKLNKKVTAQDVRKESPLLFFKFRKFYPEDVSEELIQDITQRLFFLQVKEGILNDDIY CPPETAVLLASYAVQSKYGDFNKEVHKSGYLAGDKLLPQRVLEQHKLNDQWEERI QVWHEEHrgmLREDAVLEYLkiaQDLEMYGVNYFSIKNKKGSELWLGVDALGLNIY EQNDRLTPKIGFPWSEIRNISFNDKKFVIKPIDKKAPDFVFYAPRLRINKRILALCMGN HELYMRRRKPDTEVQQMKAQAREEKHQKQMERAMLENEKKKREMAEKEKEKIER EKEELMERLKQIEEQTKKAQQELEEQTRRALELEQERKRAQSEAEKLAKERQEAE AKEALLQASRDQKKTQEQLALEMAELTARISQLEMARQKKKESEAVEWQQKAQMVQ

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EDLEKTRAEKLTAMSTPHVAEPAENEQDEQDENGAEASADLRADAMAKDRSEEER
TTEAEKNERVQKHLKALTSELANARDESKKTANDMIHAENMRLGRDKYKTLRQIRQ
GNTKQRIDEFESMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MSN moesin [Homo sapiens (human)]

Official Symbol MSN

Synonyms MSN; moesin; membrane-organizing extension spike protein;

Gene ID 4478

mRNA Refseq NM_002444

Protein Refseq NP_002435

MIM 309845

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UniProt ID

P26038

SDS-PAGE

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