

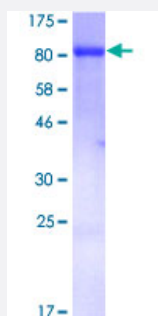
Full-Length

MSN (Human) Recombinant Protein (P01)

Catalog # H00004478-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MSN full-length ORF (AAH17293.1, 1 a.a. - 577 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPKTISVRVTMDAELEFAIQPNTTGKQLFDQVVKITGLREVWFFGLQYQDTKGFSTWLKLNKKVT
AQDVRKESPLLKFRAKFYPEDVSEELIQDITQRLFFLQVKEGILNDDIYCPPETAVLLASYAVQSK
YGDFNKEVHKSGYLAGDKLLPQRVLEQHKLNKDQWEERIQVWHEEHRGMLREDAVLEYLKIAQD
LEMYGVNYFSIKNKKGSELWLGVDALGLNIYEQNDRLTPKIGFPWSEIRNISFNDKKFVIKPIDKKAP
DFVFIAPRLRINKRILALCMGNHELYMRRRKPDITIEVQQMKAQAREEKHQKQMERAMLENEKKKR
EMAEKEKEKIEREKEELMERLKQIEEQTKKAQQELEEQTRRALELEQERKRAQSEAEKLAKERQ
EAEAAKEALLQASRDQKKTQEQLALEMAELTARISQLEMARQKKKESEAVEWQQKAQMVQEDLE
KTRAEKLTAMSTPHVAEPAENEQDEQDENGAEASADLRADAMAKDRSEEERTTEAEKNERVQK
HLKALTSELANARDESKKTANDMIHAENMRLGRDKYKTLRQIRQGNTKQRIDEFESM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

94.2

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MSN

Entrez GeneID[4478](#)**GeneBank Accession#**[BC017293.2](#)**Protein Accession#**[AAH17293.1](#)**Gene Name**

MSN

Gene Alias

-

Gene Description

moesin

Omim ID[309845](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

OTTHUMP00000023438

Publication Reference

- [A novel autoantibody against moesin in the serum of patients with MPO-ANCA-associated vasculitis.](#)

Suzuki K, Nagao T, Itabashi M, Hamano Y, Sugamata R, Yamazaki Y, Yumura W, Tsukita S, Wang PC, Nakayama T, Suzuki K. Nephrology, Dialysis, Transplantation 2014 Jun; 29(6):1168.

Application: ELISA, WB, Human, Serum

Pathway

- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)