# Recombinant Human MUSTN1, His-tagged

**Cat. No.** MUSTN1-343H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | A DNA sequence encoding the human MUSTN1 (NP_995325.3) (Met1-Gly82) was expressed with a polyhistidine tag at the N-terminus. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Met1-Gly82 |
| **Form** | Lyophilized from sterile PBS, pH7.4. |
| **Molecular Mass** | The recombinant human MUSTN1 consists of 100 amino acids and predicts a molecular mass of 11.2 kDa. It migrates as an approximately 16 kDa band in SDS-PAGE under reducing conditions. |
| **Endotoxin** | < 1.0 eu per μg of the protein as determined by the LAL method. |
| **Purity** | >90 % as determined by SDS-PAGE |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70℃ |
| **Storage** | Store it under sterile conditions at -70℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | Hardcopy of COA with reconstitution instruction is sent along with the products. |

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## GENE INFORMATION

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|---|---|
| **Gene Name** | MUSTN1?musculoskeletal, embryonic nuclear protein 1 [?Homo sapiens(human) ] |
| **Official Symbol** | MUSTN1 |
| **Synonyms** | MUSTN1; MUSTANG; musculoskeletal, embryonic nuclear protein 1; musculoskeletal embryonic nuclear protein 1; musculoskeletal temporally activated novel |
| **Gene ID** | 389125 |
| **mRNA Refseq** | NM_205853 |
| **Protein Refseq** | NP_995325 |
| **UniProt ID** | Q8IVN3 |
| **Chromosome Location** | 3p21.1 |

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