MUSTN1 Protein, Human (His)

Cat. No.:	HY-P77093
Synonyms:	Musculoskeletal embryonic nuclear protein 1; MUSTN1
Species:	Human
Source:	E. coli
Accession:	Q8IVN3 (M1-G82)
Gene ID:	389125
Molecular Weight:	Approximately 13 kDa

PROPERTIES

AA Sequence	M S Q A G A Q E A P I K K K R P P V K D E D L K G A R G N L T K N Q E I K S K T Y Q V M R E C E Q A G S A A P S V F S R T R T G T E T V F E K P K A G P T K S V F G
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	MUSTN1 Protein emerges as a potential player in the dynamic processes underlying the development and regeneration of the musculoskeletal system. Its implication suggests a crucial role in orchestrating the intricate molecular events that govern the formation and renewal of musculoskeletal tissues. The specificity of MUSTN1's involvement highlights its potential as a key regulator in the complex network of signaling pathways that contribute to musculoskeletal development and regeneration. Unraveling the precise mechanisms through which MUSTN1 functions could provide valuable insights into its role in cellular differentiation, tissue formation, and the broader processes essential for the maintenance and repair of the musculoskeletal system. Exploring the functional significance of MUSTN1 in these contexts holds promise for advancing our understanding of musculoskeletal biology and may open avenues for therapeutic interventions in conditions related to musculoskeletal development and regeneration.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA