
Product Data Sheet

Product Name: MUSTN1 Human
 Cat. No.: GP23973
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Musculoskeletal; Embryonic Nuclear Protein 1; MUSTANG; Musculoskeletal Embryonic Nuclear Protein 1; Musculoskeletal Temporally Activated Novel; MUSTN1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSQAGAQ EAPIKKRPP VKEEDLKGAR GNLTKNQEIK SKTYQVMRECEQAGSAAPSV FSRTRTGTET VFEKPKAGPT KSVFG.		
Formulation	MUSTN1 protein solution (0.25 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Musculoskeletal, Embryonic Nuclear Protein 1, also known as MUSTN1 is a member of the MUSTANG family. MUSTN1 is implicated in the development and regeneration of the musculoskeletal system.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

MUSTN1 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 105 amino acids (1-82 a.a) and having a molecular mass of 11.3kDa. MUSTN1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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