

Recombinant human MUSTN1 protein

Catalog Number: ATGP2786

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-82aa

UniProt No.

Q8IVN3

NCBI Accession No.

NP_995325

Alternative Names

Musculoskeletal embryonic nuclear protein 1, MuSTANG

PRODUCT SPECIFICATION

Molecular Weight

11.3 kDa (105aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

MuSTN1 belongs to the MuSTANG family. This protein may be involved in the development and regeneration of the musculoskeletal system. Recombinant human MuSTN1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMSQAGAQ EAPIKKRPP VKEEDLKGAR GNLTKNQEI SKTYQVMREC EQAGSAAPSV
FSRTRGTET VFEKPKAGPT KSVFG

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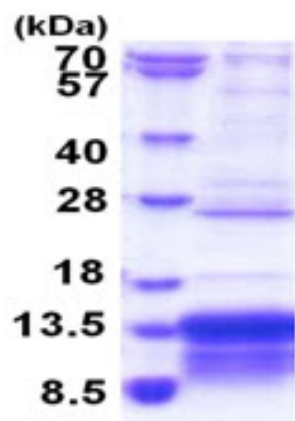
General References

Kottgen,A., et al. (2013) Nat. Genet. 45 (2), 145-154

Kostek,M.C., et al. (2007) Physiol. Genomics 31 (1), 42-52

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)