

## Product datasheet for PH314142

### MUSTN1 (NM\_205853) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MUSTN1 MS Standard C13 and N15-labeled recombinant protein (NP_995325)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214142
Predicted MW:	8.9 kDa
Protein Sequence:	>RC214142 protein sequence Red=Cloning site Green=Tags(s)  MSQAGAQEAPIKKRPPVKEEDLKGARGNLTKNQEIKSKTYQVMRECEQAGSAAPSVFSRTRTGTETVFE KPKAGPTKSVFG  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_995325</a></u>
RefSeq Size:	742
RefSeq ORF:	246
Synonyms:	MUSTANG
Locus ID:	389125
UniProt ID:	<u><a href="#">Q8IVN3</a></u>
Cytogenetics:	3p21.1

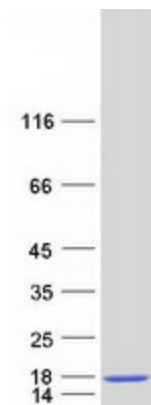


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**Summary:** May be involved in the development and regeneration of the musculoskeletal system.  
[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transmembrane

**Product images:**



Coomassie blue staining of purified MUSTN1 protein (Cat# [TP314142]). The protein was produced from HEK293T cells transfected with MUSTN1 cDNA clone (Cat# [RC214142]) using MegaTran 2.0 (Cat# [TT210002]).