

Product datasheet for PH316287

SPANXN4 (NM_001009613) Human Mass Spec Standard

Product data:

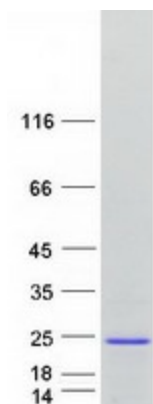
Product Type:	Mass Spec Standards
Description:	SPANXN4 MS Standard C13 and N15-labeled recombinant protein (NP_001009613)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216287
Predicted MW:	11.2 kDa
Protein Sequence:	>RC216287 protein sequence Red=Cloning site Green=Tags(s) MEEPTSSTNENKMKSPCESNKRKVDKKNLHRASAPEQSLKETEKAKYPTLVFYCRKNKRNQLENN QPTESSTDPIKEKGLDISAGSPQDGGQN 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:	NP_001009613
RefSeq Size:	431
RefSeq ORF:	297
Synonyms:	CT11.9
Locus ID:	441525
UniProt ID:	Q5MJ08
Cytogenetics:	Xq27.3



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Summary:

This gene represents one of several duplicated family members that are located on the X chromosome. This gene family encodes proteins that play a role in spermiogenesis. These proteins represent a specific subgroup of cancer/testis-associated antigens, and they may be candidates for tumor vaccines. This family member belongs to a subgroup of related genes that are present in all primates and rats and mice, and thus, it represents one of the ancestral family members. [provided by RefSeq, Sep 2009]

Product images:

Coomassie blue staining of purified SPANXN4 protein (Cat# [TP316287]). The protein was produced from HEK293T cells transfected with SPANXN4 cDNA clone (Cat# [RC216287]) using MegaTran 2.0 (Cat# [TT210002]).