

## Product datasheet for PH319914

### LCN9 (NM\_001001676) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	LCN9 MS Standard C13 and N15-labeled recombinant protein (NP_001001676)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219914
Predicted MW:	20.1 kDa
Protein Sequence:	>RC219914 representing NM_001001676 Red=Cloning site Green=Tags(s)  MALLLLSLGLSLIAAQEFDPTVMQRNYNVARVSGVWYSIFMASDDLNRKENGDLRVFVRNIEHLKNGS LIFDFEYMQGECVAVVVVCEKTEKNGEYSINYEQNTVAVSETDYRLFITFHLQNFRNGTETHLALYE TCEKYGLGSQNIIDLTKDPCYSKHYRSPRPPMRW  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:	<a href="#">NP_001001676</a>
RefSeq Size:	531
RefSeq ORF:	528
Synonyms:	HEL129
Locus ID:	392399
UniProt ID:	<a href="#">Q8WX39</a> , <a href="#">V9HWI8</a>



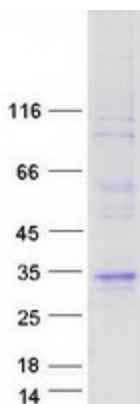
[View online »](#)

**Cytogenetics:** 9q34.3

**Summary:** Members of the lipocalin family, such as LCN9, have a common structure consisting of an 8-stranded antiparallel beta-barrel that forms a cup-shaped ligand-binding pocket or calyx. Lipocalins generally bind small hydrophobic ligands and transport them to specific cells (Suzuki et al., 2004 [PubMed 15363845]).[supplied by OMIM, Aug 2009]

**Protein Families:** Secreted Protein

**Product images:**



Coomassie blue staining of purified LCN9 protein (Cat# [TP319914]). The protein was produced from HEK293T cells transfected with LCN9 cDNA clone (Cat# [RC219914]) using MegaTran 2.0 (Cat# [TT210002]).