

## Product datasheet for PH319422

### HVCN1 (NM\_032369) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HVCN1 MS Standard C13 and N15-labeled recombinant protein (NP_115745)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219422
Predicted MW:	31.7 kDa
Protein Sequence:	>RC219422 protein sequence Red=Cloning site Green=Tags(s)
	MATWDEKAVTRRAKVAPAERMSKFLRHFTVVGDDYHAWNINYYKKWENEEEEEEEEQPPPTVPSGEEGRAA APDVAPAPGPAPRAPLDFRGLRKLFSHRFQVIIICLVLDALLVLAELILDKIIQPKNNYAAMVFH YMSITILVFFMMEIIFKLFVFRLEFFHHKFEILDVVVVVVSFILDIVLLFQEHQFEALGLLILLRLWRVA RIINGIISVKTRSERQLLRKQMNVLAAKIQHLEFSCSEKEQEIERLNKLLRQHGLLGEVN
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_115745</a>
RefSeq Size:	1727
RefSeq ORF:	819
Synonyms:	HV1; VSOP
Locus ID:	84329
UniProt ID:	<a href="#">Q96D96</a>



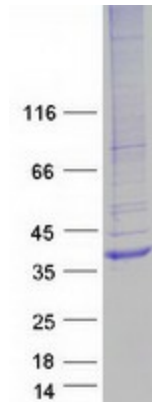
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**Cytogenetics:** 12q24.11

**Summary:** This gene encodes a voltage-gated protein channel protein expressed more highly in certain cells of the immune system. Phagocytic cells produce superoxide anions which require this channel protein, and in B cells this same process facilitates antibody production. This same channel protein, however, can also regulate functions in other cells including spermatozoa. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

**Protein Families:** Druggable Genome, Transmembrane

**Product images:**



Coomassie blue staining of purified HVCN1 protein (Cat# [TP319422]). The protein was produced from HEK293T cells transfected with HVCN1 cDNA clone (Cat# [RC219422]) using MegaTran 2.0 (Cat# [TT210002]).