

## Product datasheet for PH304662

### VPREB3 (NM\_013378) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	VPREB3 MS Standard C13 and N15-labeled recombinant protein (NP_037510)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204662
Predicted MW:	13.7 kDa
Protein Sequence:	>RC204662 protein sequence Red=Cloning site Green=Tags(s)  MACRCLSFLLMGTFLSVVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQRAGSAPRYLLY YRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVPEDDADYCVS VGYGFSP  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_037510</a>
RefSeq Size:	602
RefSeq ORF:	369
Synonyms:	8HS20; N27C7-2
Locus ID:	29802
UniProt ID:	<a href="#">Q9UKI3</a>
Cytogenetics:	22q11



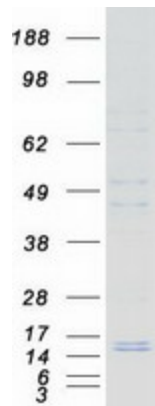
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**Summary:**

The protein encoded by this gene is the human ortholog of the mouse VpreB3 (8HS20) protein, is thought to be involved in B-cell maturation, and may play a role in assembly of the pre-B cell receptor (pre-BCR). While the role of this protein in B-cell development has not yet been elucidated, studies with the chicken ortholog of this protein have found that when overexpressed, this protein localizes to the endoplasmic reticulum. The mouse ortholog of this protein has been shown to associate with membrane mu heavy chains early in the course of pre-B cell receptor biosynthesis. Expression of this gene has been observed in some lymphomas. [provided by RefSeq, Apr 2015]

**Protein Families:**

Druggable Genome

**Product images:**

Coomassie blue staining of purified VPREB3 protein (Cat# [TP304662]). The protein was produced from HEK293T cells transfected with VPREB3 cDNA clone (Cat# [RC204662]) using MegaTran 2.0 (Cat# [TT210002]).