

## Product datasheet for **TP304662M**

### VPREB3 (NM\_013378) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pre-B lymphocyte 3 (VPREB3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204662 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPGQVAQLSCTLSPQHVTIRDYGVSWYQQRAGSAPRYLLY YRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVPQPEDDADYYCSVGYGFSP
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	13.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_037510</a>
Locus ID:	29802
UniProt ID:	<a href="#">Q9UKI3</a>
RefSeq Size:	602
Cytogenetics:	22q11



[View online »](#)

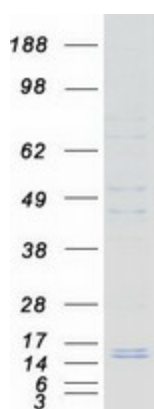
RefSeq ORF: 369

Synonyms: 8HS20; N27C7-2

**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 VPRES3 protein (Cat# [TP304662]). The protein was produced from HEK293T cells transfected with VPRES3 cDNA clone (Cat# [RC204662]) using MegaTran 2.0 (Cat# [TT210002]).