

Recombinant Human VPREB1 protein, His & T7-tagged

Cat. No. VPREB1-5648H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VPREB1 aa. (Leu33~Met135 (Accession # P12018)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu33~Met135
Description	The protein encoded by this gene belongs to the immunoglobulin superfamily and is expressed selectively at the early stages of B cell development, namely, in proB and early preB cells. This gene encodes the iota polypeptide chain that is associated with the Ig-mu chain to form a molecular complex which is expressed on the surface of pre-B cells. The complex is thought to regulate Ig gene rearrangements in the early steps of B-cell differentiation. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.8.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

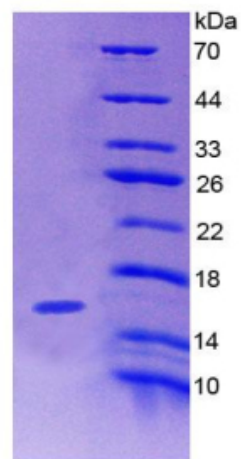
Gene Name	VPREB1 V-set pre-B cell surrogate light chain 1 [Homo sapiens (human)]
Official Symbol	VPREB1
Synonyms	VPREB1; V-set pre-B cell surrogate light chain 1; IGI; IGVPB; VPREB; CD179a; immunoglobulin iota chain; CD179 antigen-like family member A; pre-B lymphocyte 1; v(pre)B protein
Gene ID	7441
mRNA Refseq	NM_007128.3
Protein Refseq	NP_009059.1
UniProt ID	P12018

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SDS-PAGE



15% SDS-PAGE

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