

Recombinant Rat Vpreb1 protein, His & T7-tagged

Cat. No. Vpreb1-5650R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Vpreb1 aa. (Leu43~Met128 (Accession # D3Z922)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu43~Met128
Description	Mouse homolog forms a surrogate light chain in the pre-B cell receptor and plays a role in B-cell proliferation and expansion.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Vpreb1

Synonyms

Vpreb1; V-set pre-B cell surrogate light chain 1; immunoglobulin iota chain; Immunoglobulin lambda Vpreb1 chain; immunoglobulin omega chain-like; pre-B lymphocyte 1; pre-B lymphocyte gene 1

Gene ID

303782

mRNA Refseq

NM_001108845.1

Protein Refseq

NP_001102315.1

UniProt ID

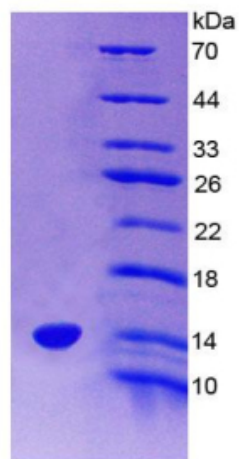
D3Z922

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SDS-PAGE



15% SDS-PAGE

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