

## Recombinant Human CD101 protein, His & T7-tagged

Cat. No. CD101-6951H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD101 aa. (Ala566~Leu784 (Accession # Q93033)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala566~Leu784
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 28.8kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 7.9.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	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.

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<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

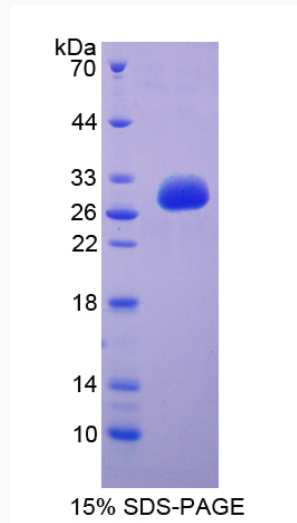
<b>Gene Name</b>	CD101 CD101 molecule [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD101
<b>Synonyms</b>	CD101; CD101 molecule; V7; IGSF2; EWI-101; immunoglobulin superfamily member 2; cell surface glycoprotein V7; glu-Trp-Ile EWI motif-containing protein 101; leukocyte surface protein
<b>Gene ID</b>	9398
<b>mRNA Refseq</b>	NM_001256106.2
<b>Protein Refseq</b>	NP_001243035.1
<b>UniProt ID</b>	Q93033

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**SDS-PAGE**



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