

## Recombinant Rabbit CD8B Protein, His&GST-tagged

**Cat. No.** CD8B-707R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rabbit CD8B Protein (Ser19-Arg206) with His&GST tag was expressed in E. coli.
<b>Species</b>	Rabbit
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser19-Arg206
<b>Description</b>	<p>The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 beta chain isoforms. Multiple alternatively spliced transcript variants encoding distinct membrane associated or secreted isoforms have been described. A pseudogene, also located on chromosome 2, has been identified.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 50.9 kDa; Accurate Molecular Mass: 51 kDa
<b>Purity</b>	> 90%

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<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 centigrade 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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	CD8B CD8b molecule [ <i>Oryctolagus cuniculus</i> (rabbit) ]
<b>Official Symbol</b>	CD8B
<b>Synonyms</b>	CD8B; CD8b molecule; T-cell surface glycoprotein CD8 beta chain
<b>Gene ID</b>	100355767
<b>mRNA Refseq</b>	XM_008254148
<b>Protein Refseq</b>	XP_008252370
<b>UniProt ID</b>	G1SX39

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