

Recombinant Rabbit CD8B Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Rabbit CD8B Protein (Ser19-Arg206) with His&GST tag was expressed in E. coli.
Species	Rabbit
Source	E.coli
ProteinLength	Ser19-Arg206
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 50.9 kDa; Accurate Molecular Mass: 51 kDa
Purity	> 90%

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

GENE INFORMATION

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

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