

## Recombinant Cluster Of Differentiation 8b (CD8b)

Catalog No.: TP01540

50µg

### Sequence Information

**Species:** Human

**Gene ID:**926

**Swiss Prot:**P10966

**Synonyms:**CD8B1; CD8 Antigen,Beta

Polypeptide 1; T-cell surface

glycoprotein CD8 beta chain

**Residues:**Leu22~Pro170

LQQTPAYIKVQTNKVMVLSCEAKISLSNMRIYWLRQRQAPSSDSHHEFLALWDS

AKGTIHGEEVEQEKIAVFRDASRFILNLTSVKPEDSGIYFCMIVGSPELTFGKG

TQLSVVDFLPTTAQPTKKSTLKKRVCRLRPETQKGPLCSP

### Product Information

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane, Secreted.

**Purity:** >97%

**Traits:** Freeze-dried powder

**Buffer formulation:**PBS, pH7.4, containing 0.1% SKL, 5% Trehalose.

**Original Concentration:** 900µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 9.4

**Predicted Molecular Mass:** 20.5kDa

**Accurate Molecular Mass:** 21kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was

This is a photograph of a gel electrophoresis result. The gel has a light blue background. On the left side, there is a vertical lane labeled '1' at the bottom. Within this lane, there is a single, very dark and thick horizontal band located approximately in the middle of the lane's height. The rest of the lane and the surrounding area are relatively clear, with some faint, lighter blue smudges or bands visible in the upper and lower portions of the lane.



Figure 1. SDS-PAGE

**[ IMPORTANT NOTE ]**

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.