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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD8B1 (Human) Recombinant Protein (P01)

Catalog Number: H00000926-P01

Regulation Status: For research use only (RUO)

Product Description: Human CD8B1 full-length ORF (NP_757362.1, 1 a.a. - 243 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MRPRLWLLAAQLTVLHGNSVLQQTPAYIKVQTNKMW  
MLSCEAKISLSNMRIYWLRQRQAPSSDSHHEFLALWD  
SAKGTIHGEEVEQEKIIVFRDASRFILNLTSVKPEDSGI  
YFCMIVGSPELTFGKGTQLSVVDLPTTAQPTKSTLK  
KRVCRRLRPETQKGPLCSPITLGLLVAGVLVLLVSLGV  
AIHLCCRRRRARLRFMKQPQEGISGTFVQCCLHGYY  
SNTTTSQKLLNPWILKT
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 53.6

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 926

Gene Symbol: CD8B

Gene Alias: CD8B1, LYT3, Leu2, Ly3, MGC119115

Gene Summary: 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 antigen 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. [provided by RefSeq]