

## Recombinant Human CD8B protein

**Cat. No.** CD8B-253H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD8B protein(P10966-1) (Met1-170) was expressed in HEK293 with six amino acids (LEVLFQ) at the C-terminus.                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-170 aa                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                            |
| <b>Molecular Mass</b>   | The recombinant human CD8B comprises 156 amino acids and has a predicted molecular mass of 17.6 kDa. The apparent molecular mass of the protein is approximately 27.3 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                  |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE                                                                                                                                                                                 |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                             |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                    |

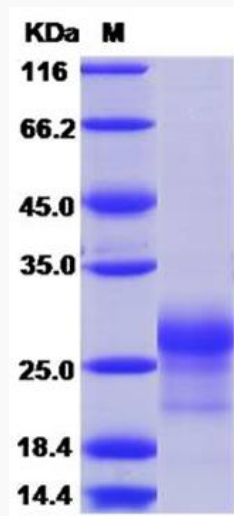
 Tel: 1-631-559-9269    1-516-512-3133

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

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

|                               |                                                                                                                                                                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>protein Refseq-Weblink</b> | <a href="http://www.ncbi.nlm.nih.gov/protein/NP_001171571.1">http://www.ncbi.nlm.nih.gov/protein/NP_001171571.1</a>                                                                                                                          |
| <b>Unit ID</b>                | P10966                                                                                                                                                                                                                                       |
| <b>Unit ID-Weblink</b>        | <a href="http://www.uniprot.org/uniprot/P10966">http://www.uniprot.org/uniprot/P10966</a>                                                                                                                                                    |
| <b>GENE INFORMATION</b>       |                                                                                                                                                                                                                                              |
| <b>Gene Name</b>              | CD8B CD8b molecule [ Homo sapiens ]                                                                                                                                                                                                          |
| <b>Official Symbol</b>        | CD8B                                                                                                                                                                                                                                         |
| <b>Synonyms</b>               | CD8B; CD8b molecule; CD8 antigen, beta polypeptide 1 (p37) , CD8B1; T-cell surface glycoprotein CD8 beta chain; CD8 antigen, beta polypeptide 1 (p37); T lymphocyte surface glycoprotein beta chain; LY3; P37; LEU2; LYT3; CD8B1; MGC119115; |
| <b>Gene ID</b>                | 926                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>            | <a href="#">NM_001178100</a>                                                                                                                                                                                                                 |
| <b>protein Refseq</b>         | NP_001171571                                                                                                                                                                                                                                 |
| <b>MIM</b>                    | <a href="#">186730</a>                                                                                                                                                                                                                       |

SDS-PAGE



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