

Recombinant Human CD8B protein, His-tagged

Cat. No. CD8B-3819H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD8B protein(22-171 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-171 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LQQTPAYIKVQTNKMVMLSCEAKISLSNMRIYWLRQRQAPSSDSHHEFLALWDSAK GTIHGEEVEQEKIAVFRDASRFILNLTSVKPEDSGIYFCMIVGSPELTFGKGTQLSVVD FLPTTAQPTKKSTLKKRVCRLRPETQKGPLCSPI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [CD8B CD8b molecule \[Homo sapiens \]](#)

Official Symbol [CD8B](#)

Synonyms

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;

Gene ID [926](#)

mRNA Refseq [NM_001178100](#)

Protein Refseq [NP_001171571](#)

MIM [186730](#)

UniProt ID [P10966](#)

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