

Active Recombinant Human CD5 protein, His-tagged

Cat. No. CD5-2222H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD5 protein(NP_055022.2)(Met 1- 372) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-372 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind biotinylated recombinant human LCK in a functional ELISA.
Molecular Mass	The secreted recombinant human CD5 consists of 359 amino acids after removal of the signal peptide and has a calculated molecular mass of 40 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 47 kDa band due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	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-

 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

thaw cycles.

Reconstitution

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.

protein Refseq-Weblink

http://www.ncbi.nlm.nih.gov/protein/NP_055022.2

Unit ID

P06127

Unit ID-Weblink

<http://www.uniprot.org/uniprot/P06127>

GENE INFORMATION

Gene Name

CD5 CD5 molecule [Homo sapiens]

Official Symbol

CD5

Synonyms

CD5; CD5 molecule; CD5 antigen (p56 62) , LEU1; T-cell surface glycoprotein CD5; T1; CD5 antigen (p56-62); lymphocyte antigen T1/Leu-1; LEU1;

Gene ID

921

mRNA Refseq

[NM_014207](#)

protein Refseq

NP_055022

MIM

153340

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