

Cluster Of Differentiation 4 (CD4) Recombinant Protein | CD4 recombinant protein

Recombinant Cluster Of Differentiation 4 (CD4)

CATALOG # AAA134075	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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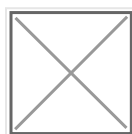
PRODUCT SYNONYMS

Cluster Of Differentiation 4 (CD4); Recombinant Cluster Of Differentiation 4 (CD4); CD4 recombinant protein

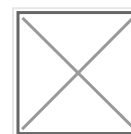
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GS-KKV V LGKKGDTVEL TCTASQK KSI QFHWKNSNQI KILGNQGSFL TKGPSKLND R ADSRRLWDQ GNFLI IKNL KIEDSDTYIC EVEDQKEEVQ LLVFGLTANS DTHLLQGQSL TLTLESPPGS SPSVQCRSPR GKNIQGGKTL SVSQLELQDS GTWTCTVLQN QKKVEFKIDI VVLAFQKASS IVYKKEGEQV EFSFPLAFTV EKL TGSSELW WQAERASSK SWITFDLKNK EVSVKRVTQD PKLQMGKKLP LH LTPQALP QYAGSGNLT L ALEAKTGKLH QEVNLVVMRA TQLQKNLTCE VWGPTSPKLM LSLKLENKEA KVS KREKAVW VLNPEAGMWQ CLLSDSGQVL LESNIKVLPT W
Sequence Length	458
Applicable Applications for CD4 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Lys26~Trp390 (Accession # P01730) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835167
NCBI GeneID	920
NCBI Accession #	NP_000607.1
NCBI GenBank Nucleotide #	NM_000616.4
UniProt Accession #	P01730; Q4ZGK2; Q5U066; Q9UDE5; B2R737; D3DUS5
Molecular Weight	41.9kDa
NCBI Official Full Name	T-cell surface glycoprotein CD4 isoform 1
NCBI Official Synonym Full Names	CD4 molecule
NCBI Official Symbol	CD4
NCBI Official Synonym Symbols	CD4mut
NCBI Protein Information	T-cell surface glycoprotein CD4; CD4 receptor; CD4 antigen (p55); T-cell surface antigen T4/Leu-3
UniProt Protein Name	T-cell surface glycoprotein CD4
UniProt Gene Name	CD4
UniProt Entry Name	CD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cd4-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134075>