

CD7 (Human) Recombinant Protein

Catalog # P9649

Size 20 ug

Specification

Product Description Human CD7 (P09564, 26 a.a. - 180 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence MGSSHHHHHHSSGLVPRGSHMGSAAQEVQQSPHCTTVPVGASVNITCSTSGGLRGMLRQLGPQP
QDIYYEDGVVPTTDRRFRGRIDFSGSQDNLITIMHRLQLSDTGTTCQAITEVNVYGSGLVLVTEE
QSQGWHRCS DAPPRASALPAPPTGSALPDPQTASALPDPPAASALP

Host *Escherichia coli*

Theoretical MW (kDa) 18.8

Form Liquid

Preparation Method *Escherichia coli* expression system

Purity > 90.0% by SDS-PAGE

Recommend Usage Biological Activity
SDS-PAGE
The optimal working dilution should be determined by the end user.

Storage Buffer In 20mM Tris-HCl pH 8.0 (0.4 M Urea and 10% glycerol)

Storage Instruction Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CD7

Entrez GeneID

[924](#)

Protein Accession#	P09564
Gene Name	CD7
Gene Alias	GP40, LEU-9, TP41, Tp40
Gene Description	CD7 molecule
Omim ID	186820
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development. [provided by RefSeq]
Other Designations	CD7 antigen CD7 antigen (p41) T-cell antigen CD7 T-cell leukemia antigen p41 protein

Pathway

- [Hematopoietic cell lineage](#)