

CD7, 26-180aa, Human, His tag, E.coli

Cat.NO.: TP01528

3th Edition

Synonyms:T-cell antigen CD7, GP40, LEU-9, Tp40, TP41

Description:T-cell antigen CD7, also known as CD7, is a type I transmembrane glycoprotein that is expressed on pluripotential hemapoietic cells, most human thymocytes and some peripheral blood T cells. The CD7 molecule is absent in a subset of human T cells under certain physiologic conditions. Thus an increase in CD7 negative T cells can be seen in some inflammatory skin disease. Recombinant human CD7 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:18.8 kDa (178aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSAQEVQQSPHCTTVPVGASVNITCSTSGGLRGIYLRQLGPQPQDIIYYEDGVV
PTTDRRFRGRIDFSGSQDNLTITMHLQLSDTGTYTCAITEVNVYGSGLVLVTEEQSQGWHRCS DAPPRASALP
APPTGSALPDPQTASALPDPPAASALP

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.