

32-3452: CD7 Recombinant Protein

Alternative Name : T-cell antigen CD7,GP40,LEU-9,Tp40,TP41,CD7,T-cell leukemia antigen,T-cell surface antigen Leu-9.

Description

Source : E.coli. CD7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 178 amino acids (26-180 a.a) and having a molecular mass of 18.8 kDa.CD7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. T-cell antigen CD7 (CD7) is a type I transmembrane glycoprotein which is expressed on pluripotential hemapoietic cells, nearly all human thymocytes and some peripheral blood T cells. The CD7 molecule is missing in a subset of human T cells under some physiologic conditions. An increase in CD7 negative T cells can be observed in a number of inflammatory skin diseases.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	CD7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSAQEVQQS PHCTTVPVGA SVNITCSTSG GLRGIYLRQL GPQPQDIYY EDGVVPTTDR RFRGRIDFSG SQDNLTITMH RLQLSDTGTY TCQAITEVNV YGSGLVLVLT EEQSQGWHRC SDAPPRASAL PAPPTGSALP DPQTASALPD PPAASALP.

