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32-8132: Recombinant Human B-Cell Differentiation Antigen CD72/Lyb-2 (N-Trx, 6His)

Gene : CD72
Gene ID : 971
Uniprot ID : P21854

Description

Source: E. coli.
MW :30.6kD.
Recombinant Human CD72 is produced by our E.coli expression system and the target gene encoding Arg117-Cys226 is expressed with a Trx, 6His tag at the N-terminus. B-Cell Differentiation Antigen CD72 (CD72) is a single-pass type II membrane protein. CD72 exists as a disulfide-linked homodimer and contains one C-type lectin domain. CD72 is expressed on B lineage cells, NK cells, monocytes, dendritic cells, and mast cells. CD72 is a ligand for CD5. CD72 associates with CD5, interacts with PTPN6/SHP-1 and plays a role in B-cell proliferation and differentiation. CD72 associates with CD79A in the B cell antigen receptor (BCR) complex following antigen stimulation and dampens BCR signaling through interactions with the phosphatase SHP-1.

Product Info

Amount :	10 μg / 50 μg
Content :	Lyophilized from a 0.2 μm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	MSDKIIHLTDDSFDTDVLKADGAILVDFWAEWCGPCKMIAPILDEIADEYQGKLTVAKLNIDQNPGTAPKYGIRGI PTLLLFKNGEVAATKVGALSKGQLKEFLDANLAGSGSGHMHHHHHHSSGLVPRGSGMKETAAAKFERQHMD SPDLGTDDDDKAMADIGSMRYLQVSQQLQQTNRVLEVTNSSLRQQLRLKITQLGQSAEDLQGSRRELAQSQE ALQVEQRAHQAAEGQLQACQADRQKTKETLQSEEQQRRALEQKLSNMENRLKPFFTC

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Ã�Âµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/Ã�Âµg (1 IEU/Ã�Âµg) as determined by LAL test.