Datasheet for ABIN7318196

CD72 Protein (TRX tag,His tag)

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Overview

Quantity:	50 µg
Target:	CD72
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD72 protein is labelled with TRX tag,His tag.

Product Details

Purpose:	Recombinant Human CD72/Lyb-2 Protein (Trx&His)
Sequence:	Arg117-Cys226
Characteristics:	Recombinant Human B-Cell Differentiation Antigen 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.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD72
Alternative Name:	CD72/Lyb-2 (CD72 Products)
Background:	Background: 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.

Target Details

	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. Synonym: B-Cell Differentiation Antigen CD72, Lyb-2, CD72
Molecular Weight:	30.6 kDa
UniProt:	P21854
Pathways:	BCR Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.