

## CD72 Protein, Human (HEK293, His)

Cat. No.:	HY-P701254
Synonyms:	CD72; Lyb-2; Lyb2
Species:	Human
Source:	HEK293
Accession:	P21854 (R117-D359)
Gene ID:	971
Molecular Weight:	32-40 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as 0.22 $\mu$ m filtered solution of PBS, pH 7.4 .
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	CD72 emerges as a key participant in the orchestration of B-cell proliferation and differentiation. Operating as a homodimer with disulfide linkages, it forms associations with CD5, thereby contributing to intricate signaling networks within the B-cell context. Additionally, CD72 engages in interactions, particularly tyrosine phosphorylation, with the protein tyrosine phosphatase PTPN6/SHP-1, indicating its involvement in modulating cellular responses through intricate phosphorylation-based regulatory mechanisms. This highlights the multifaceted role of CD72 in the dynamic landscape of B-cell function and signaling.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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