

CD5 Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P74284
Synonyms:	T-cell surface glycoprotein CD5; Ly-1; Lyl-1; CD5; Leu-1
Species:	Rat
Source:	HEK293
Accession:	P51882 (Q24-P368)
Gene ID:	54236
Molecular Weight:	Approximately 85 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	CD5 protein plays a crucial role as a receptor in the regulation of T-cell proliferation. It interacts with CD72/LYB-2 and also has a potential interaction with PTPN6/SHP-1, highlighting its involvement in important signaling pathways.
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Caution: Product has not been fully validated for medical applications. For research use only.

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