CD37 Protein, Mouse (HEK293, hFc)

Cat. No.:	HY-P75418
Synonyms:	Leukocyte antigen CD37; CD37; TSPAN26
Species:	Mouse
Source:	HEK293
Accession:	Q61470 (R112-N241)
Gene ID:	12493
Molecular Weight:	Approximately 43.6 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.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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	CD37 protein is known to interact with SCIMP, indicating a functional association between these two molecules. CD37 is a transmembrane protein that belongs to the tetraspanin family and is primarily expressed on the surface of B cells and other immune cells. It plays a role in various cellular processes, including signal transduction, adhesion, and immune modulation. The interaction with SCIMP suggests a potential involvement of CD37 in immune signaling pathways or protein complex formation, but further investigation is necessary to fully elucidate the functional significance of this interaction.

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