

CD37 Protein, Bovine (Cell-Free, His)

Cat. No.:	HY-P702239
Synonyms:	Leukocyte antigen CD37; CD37
Species:	Bovine
Source:	E. coli Cell-free
Accession:	Q2KHY8 (M1-R280)
Gene ID:	508751
Molecular Weight:	37.8 kDa

PROPERTIES

AA Sequence	<pre> MSAHDGCLSL VKYLLFVFNL FFFVLGSLIF CFGIWILIDK TSFVSFVGLS FMPLQIWSKV LAVSGILTMG LALLGCVGAL KEFRCLLGLY FGTL LLLFAT QITLGILIST QRVQLKKKVK DVVQKTIQNY RTHPEETAEE ESWDYVQFQL RCCGWESPQD WFHIPS MRN ESEGDRVPCS CYNSSATNDS TIFDKISPQF SRLGSLAQPR HNVEVCSVPA NSYIYQQGCE RNLSNWL TNN LISIVGICLG VGLLELSFMT LSIFLCRNLD HVYDRLARYR </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
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. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.
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, expressed on B cells, is involved in various immune processes. It acts as a regulator of B cell receptor signaling and controls B cell activation and survival. Understanding the functions of CD37 Protein can aid in studying B cell-related disorders and developing targeted therapies for immune-mediated diseases.
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Caution: Product has not been fully validated for medical applications. For research use only.

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