Datasheet for ABIN7504265

CD37 Protein (AA 113-240) (His tag)

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Overview

Quantity:	100 µg
Target:	CD37 (TSPAN26)
Protein Characteristics:	AA 113-240
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD37 protein is labelled with His tag.

Product Details

Purpose:	Human CD37 Protein
Sequence:	Ala113-Asn240
Characteristics:	Recombinant Human CD37 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Ala113-Asn240.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CD37 (TSPAN26)
Alternative Name:	CD37 (TSPAN26 Products)

Target Details

Background:	CD37 is a tetraspanin expressed prominently on the surface of B cells. It is an attractive molecular target exploited in the immunotherapy of B cell-derived lymphomas and leukemia. Currently, several monoclonal antibodies targeting CD37 as well as chimeric antigen receptor-based immunotherapies are being developed and investigated in clinical trials. Given the unique role of CD37 in the biology of B cells, it seems that CD37 constitutes more than a docking point for monoclonal antibodies, and targeting this molecule may provide additional benefit to relapsed or refractory patients.
Molecular Weight:	15.72 kDa. Due to glycosylation, the protein migrates to 25-40 kDa based on Tris-Bis PAGE result.
Pathways:	Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months