Datasheet for ABIN7092800

FCER2 Protein (AA 48-321) (His tag)

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Overview

Quantity:	100 µg
Target:	FCER2
Protein Characteristics:	AA 48-321
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCER2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human CD23 protein with N-terminal 6xHis tag
Specificity:	6xHis tag CD23 (Asp48-Ser321)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	FCER2
Alternative Name:	CD23 (FCER2 Products)
Background:	The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE.

Target Details

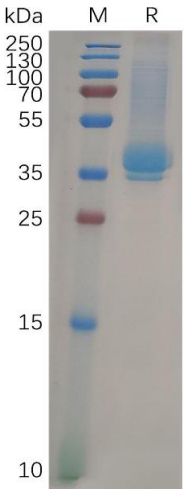
	It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]
Molecular Weight:	predicted molecular mass of 31.8 kDa after removal of the signal peptide. The apparent molecular mass of His-CD23 is 35-55 kDa due to glycosylation.
UniProt:	P06734
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human CD23 Protein, His Tag on SDS-PAGE under reducing condition.

