

Rev02
Update: Aug,08,2025

DATASHEET

CD79A, His, Human

Cat. No.: Z06817

Product Introduction

Species	Human
Protein Construction	CD79A (Leu33-Arg143) Accession # P11912-1 His N-term C-term
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	14.17 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 40-60 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target Background : CD79 is a heterodimeric molecule comprising two polypeptide chains, B29 (CD79b) and mb-1 (CD79a). It is physically linked in the surface of B cells to membrane immunoglobulin, forming the B cell antigen receptor complex. Expression of the mb-1 (CD79a) chain has been studied in leukaemias and shown to be present in most B lineage acute lymphoblastic leukaemias (ALL).

Synonyms : Ig-alpha; CD79a; IGA; MB1

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