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## Product Data Sheet

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Product Name: CD79A Human  
 Cat. No.: GP23074  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Sf9, Insect cells.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	CD79a Molecule; Membrane-Bound Immunoglobulin-Associated Protein; CD79A Antigen (Immunoglobulin-Associated Alpha); CD79a Molecule; Immunoglobulin-Associated Alpha; Surface IgM-Associated Protein; MB-1 Membrane Glycoprotein; Ig-Alpha; IGA; B-Cell Antigen Receptor Complex-Associated Protein Alpha Chain; CD79a Antigen; MB-1; MB1.		
Amino Acid Sequence	LWMHKVPASL MVSLGEDAHF QCPHNSSNNA NVTWWRVLHG NYTWPEFLG PGEDPNGTLI IQNVNKSHGG IYVCRVQEGN ESYQQSCGTY LRVRQPPRP FLDMGEGTKN RLEHHHHHH.		
Formulation	CD79A protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

### Introduction

CD79A is a signal-transducing part of the B-cell receptor which plays various roles in B cell development and function. CD79A is also needed for BCR surface expression and for efficient differentiation of pro-B and pre-B-cells. CD79A plays an important role in the tumor promoting effects of myeloid cells, and is a novel target for cancer therapy.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

CD79A Human Recombinant produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 119 amino acids (33-143a.a.) and having a molecular mass of 13.6kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). CD79A

**Caution: Product has not been fully validated for medical applications. For research use only.**

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is expressed with a 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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