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Datasheet for ABIN1096588

ERMAP Protein (AA 30-155) (His tag)

Overview

Quantity:	50 µg
Target:	ERMAP
Protein Characteristics:	AA 30-155
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERMAP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Erythroid Membrane-Associated Protein/ERMAP (C-6His)
Sequence:	HAGDAGKFHV ALLGGTAELL CPLSLWPGTV PKEVRWLRSP FPQRSQAVHI FRDGKDQDED LMPEYKGRTV LVRDAQEGSV TLQILDVRLE DQGSYRCLIQ VGNLSKEDTV ILQVAAPSVG SLSPSAVDHH HHHH
Characteristics:	Recombinant Human Erythroid Membrane-Associated Protein/ERMAP produced by transfected human cells is a secreted protein with sequence (His30-Ala155) of Human ERMAP fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	ERMAP
Alternative Name:	ermap (ERMAP Products)
Sub Type:	Fusionprotein
Background:	<p>Human Erythroid Membrane-Associated Protein (ERMAP) is a cell surface transmembrane protein that belongs to the immunoglobulin superfamily. It is highly expressed in bone marrow and to a lower extent in leukocytes, thymus, lymph node and spleen. ERMAP contains 1 B30.2/SPRY domain and 1 Ig-like V-type (immunoglobulin-like) domain. It may serve as an erythroid cell receptor, possibly as a mediator of cell adhesion. ERMAP is responsible for the Scianna/Radin blood group system. Two transcript variants encoding the same protein have been found for this gene ERMAP.</p> <p>Alternative Names: Erythroid Membrane-Associated Protein, hERMAP, Radin Blood Group Antigen, Scianna Blood Group Antigen, ERMAP, RD, SC</p>
Molecular Weight:	14.79 kDa
UniProt:	Q96PL5

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months