Recombinant Human ERMAP (C-6His)

Catalog No: C467

Description	Recombinant Human Erythroid Membrane-Associated Protein is produced by our Mammalian expression system and the target gene encoding His30-Ala155 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Erythroid Membrane-Associated Protein; hERMAP; Radin Blood Group Antigen; Scianna Blood Group Antigen; ERMAP; RD; SC
Accession No.	Q96PL5
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Background	Human Erythroid Membrane-Associated Protein (ERMAP) is a cell surface transmembrane protein that belongs to the immunoglobulin superfamily. It is hghly 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.

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