

Recombinant Human ERMAP, His-tagged

Cat. No. ERMAP-7771H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Erythroid MembraneAssociated Protein/ERMAP produced by transfected human cell is a secreted protein with sequence (His30Ala155) of Human ERMAP fused with a polyhistidine tag at the Cterminus.
Species	Human
Source	HEK293
Description	Human Erythroid MembraneAssociated 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 Iglike Vtype (immunoglobulinlike) 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.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2
AA Sequence	HAGDAGKFHV ALLGGTAELL CPLSLWPGTV PKEVRWLRSP FPQRSQAVHI FRDGKDQDED LMPEYKGRV VLVRDAQEGS VTLQILDVRL EDQGSYRCLI QVGNLSEKEDT VILQVAAPSV G SLSPSAVD HHHHHH*
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 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 less than 20°C. for 3 months.
GENE INFORMATION	
Gene Name	ERMAP erythroblast membrane-associated protein (Scianna blood group) [Homo sapiens]
Official Symbol	ERMAP
Synonyms	ERMAP; erythroblast membrane-associated protein (Scianna blood group); erythroblast membrane associated protein , erythroblast membrane associated protein (RD and SC blood groups) , Radin blood group , RD, SC, Scianna blood group; erythroid membrane-associated protein; Radin blood group (Rd); Scianna blood group (Sc); radin blood group antigen; scianna blood group antigen; RD; SC; PRO2801; MGC118810; MGC118811; MGC118812; MGC118813;
Gene ID	114625
mRNA Refseq	NM_001017922
Protein Refseq	NP_001017922
MIM	609017
UniProt ID	Q96PL5
Chromosome	1p34

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