Recombinant Human ERMAP Protein, GST-tagged

Cat. No. ERMAP-3480H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ERMAP full-length ORF (NP_001017922.1, 1 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a cell surface transmembrane protein that may act as an erythroid cell receptor, possibly as a mediator of cell adhesion. Polymorphisms in this gene are responsible for the Scianna/Radin blood group system. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	79 kDa
AA Sequence	MEMASSAGSWLSGCLIPLVFLRLSVHVSGHAGDAGKFHVALLGGTAELLCPLSLWP GTVPKEVRWLRSPFPQRSQAVHIFRDGKDQDEDLMPEYKGRTVLVRDAQEGSVTL QILDVRLEDQGSYRCLIQVGNLSKEDTVILQVAAPSVGSLSPSAVALAVILPVLVLLIM VCLCLIWKQRRAKEKLLYEHVTEVDNLLSDHAKEKGKLHKAVKKLRSELKLKRAAAN SGWRRARLHFVAVTLDPDTAHPKLILSEDQRCVRLGDRRQPVPDNPQRFDFVVSIL GSEYFTTGCHYWEVYVGDKTKWILGVCSESVSRKGKVTASPANGHWLLRQSRGNE YEALTSPQTSFRLKEPPRCVGIFLDYEAGVISFYNVTNKSHIFTFTHNFSGPLRPFFEP CLHDGGKNTAPLVICSELHKSEESIVPRPEGKGHANGDVSLKVNSSLLPPKAPELKDI ILSLPPDLGPALQELKAPSF

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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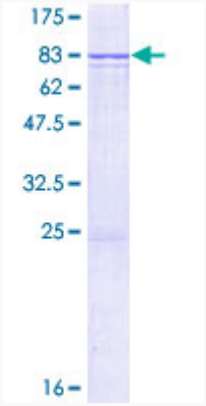
MIM	609017
UniProt ID	Q96PL5
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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