

Recombinant Human ERMAP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ERMAP-890H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ERMAP MS Standard C13 and N15-labeled recombinant protein (NP_061008) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	52.6 kDa
AA Sequence	MEMASSAGSWLSGCLIPLVFLRLSVHVS GHAGDAGKFHVALLGGTAELLCP LSLWPGTVPKEVRWLRSPFPQRSQAVHIFRDGKDQDEDLMP EYKGRTVLVRDAQEGSVTLQILDVRLEDQGSYRCLIQVGNLSKEDTVILQVAAPSVGSLSPSAVALAVILPVLVLLIMVCLCLIWKQRRAKEKLLYEHVTEVDNLLSDHAKEKGKLHKAVKKLRSELKLRKRAAANS GWRRLARLHFVAVTLDPDTAHPKLILSEDQRCVRLGDRRQVPDPNPQRFDFVVSILGSEYFTTGCHYWEVYVGDKTKWILGVCSESVSRKGKVTASPANGHWLLRQSRGNEYEALTSPQTSFRLKEPPRCVGIFLDYEAGVISFYNVTNKSHIFTFTHNFSGPLRPFFEPCLHDGGKNTAPLVICSELHKSEESIVPRPEGKGHANGDVSLKVNSSLLPPKAPELKDI

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ILSLPPDLGPALQELKAPSFTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ERMAP erythroblast membrane associated protein (Scianna blood group) [Homo sapiens (human)]
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_018538

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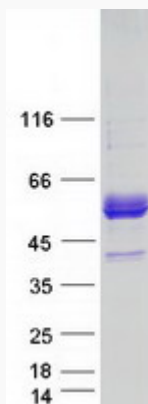
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Protein Refseq NP_061008

MIM 609017

UniProt ID Q96PL5

SDS-PAGE



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