

Recombinant Full Length Human ERMAP Protein, C-Flag-tagged

Cat. No. ERMAP-1867HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ERMAP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.5 kDa
AA Sequence	MEMASSAGSWLSGCLIPLVFLRLSVHVS GHAGDAGKFHVALLGGTAELLCP LSLWP GTVPKEVRWLRSPF PQRSQAVHIFRDGKDQDEDLMP EYKGRTVLVRDAQEGSVTL QILDVRLEDQGSYRCLIQVGNLSKEDTVI LQVAAPSVGSLSPSAVALAVILPVLVLLIM VCLCLIWKQRRAKEKLLYEHVTEVDNLLSDHAK EKGLHK AVKKLRSELKLKRAAAN SGWRRARLHFVAVTLDPDTAHPKLILSEDQRCVRLGDRRQPVPDNPQRFDFVV SIL GSEYFTTGCHYWEVYVGDKTKWILGVCSES VSRKGKVTASPANGHWLLRQSRGNE YEALTSPQTSFR LKEPPRCVGIFLDYEAGVISFY NVTNKSHIFTFTHNFSGPLRPFFE

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	PCLHDGGKNTAPLVICSELHKSEE SIVPRPEGKGHANGDVSLKVNSSLPPKAPELK DIILSLPPDLGPALQELKAPSF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	ERMAP erythroblast membrane associated protein (Scianna blood group) [Homo sapiens (human)]
Official Symbol	ERMAP
Synonyms	RD; SC; BTN5; PRO2801
Gene ID	114625
mRNA Refseq	NM_001017922.2

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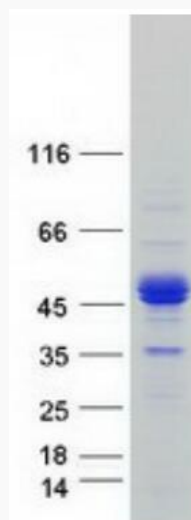
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Protein Refseq NP_001017922.1

MIM 609017

UniProt ID Q96PL5



Coomassie blue staining of purified ERMAP protein.

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