

ERMAP Protein, Human (HEK293, His)

Cat. No.:	HY-P70896
Synonyms:	Erythroid Membrane-Associated Protein; hERMAP; Radin Blood Group Antigen; Scianna Blood Group Antigen; ERMAP; RD; SC
Species:	Human
Source:	HEK293
Accession:	Q96PL5 (H30-A155)
Gene ID:	114625
Molecular Weight:	Approximately 16.0 kDa

PROPERTIES

AA Sequence	<p>H A G D A G K F H V A L L G G T A E L L C P L S L W P G T V P K E V R W L R S P</p> <p>F P Q R S Q A V H I F R D G K D Q D E D L M P E Y K G R T V L V R D A Q E G S V</p> <p>T L Q I L D V R L E D Q G S Y R C L I Q V G N L S K E D T V I L Q V A A P S V G</p> <p>S L S P S A</p>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>ERMAP protein exhibits a potential role as a cell-adhesion or receptor molecule specifically in erythroid cells. This implies its involvement in mediating interactions or signaling events crucial for erythroid cell function. The precise mechanisms and ligands involved in ERMAP-mediated cell adhesion or receptor activity, as well as its broader implications in erythroid cell biology, warrant further investigation. Unraveling the intricacies of ERMAP's function in erythroid cells may shed light on its significance in hematopoiesis and related physiological processes.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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