

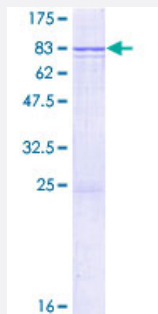
Full-Length

ERMAP (Human) Recombinant Protein (P01)

Catalog # H00114625-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ERMAP full-length ORF (NP_001017922.1, 1 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEMASSAGSWLSGCLIPLVFLRLSVHVS GHAGDAGKFHVALLGGTAELLCPLSLWPGTVPKEVR
WLRSPFPQRSQAVHIFRDGKDQDEDLMP EYKGRTVLVRDAQEGSVTLQILDVRLEDQGSYRCLIQ
VGNLSKEDTVILQVAAPSVGSLSPSAVALAVILPVLVLLIMVCLCLWKQRRAKEKLLYEHVTEVDN
LLSDHAKEKGLHKAVKKLRSELKLRKAAANS GWRRARLHFVAVTLDPDTAHPKLILSEDQRCV
RLGDRRQPVDPNPQRFDFVVSILGSEYFTTGCHYWEVYVGDKTKWILGVCSESVSRKGKVTASP
ANGHWLLRQSRGNEYEALTSPQTSFRLKEP PRCVGIFLDYEAGVISFYNVTNKSHIFTFTHNFSGPL
RPFFEPCLHDGGKNTAPLVICSELHKSEESV PRPEGKGHANGDVSLKVNSLLPPKAPELKDIL
SLPPDLGPALQELKAPSF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ERMAP

Entrez GeneID[114625](#)**GeneBank Accession#**[NM_001017922.1](#)**Protein Accession#**[NP_001017922.1](#)**Gene Name**

ERMAP

Gene Alias

MGC118810, MGC118811, MGC118812, MGC118813, PRO2801, RD, SC

Gene Description

erythroblast membrane-associated protein (Scianna blood group)

Omim ID[111620](#) [111750](#) [609017](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

OTTHUMP00000008916|OTTHUMP00000008918|Radin blood group (Rd)|Scianna blood group (Sc)|erythroblast membrane-associated protein|erythroid membrane-associated protein