

Motility Related Protein (MRP1) Active Protein | MRP1 active protein

Active Motility Related Protein (MRP1)

CATALOG # AAA153071	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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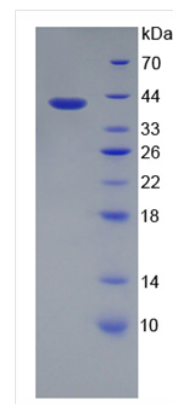
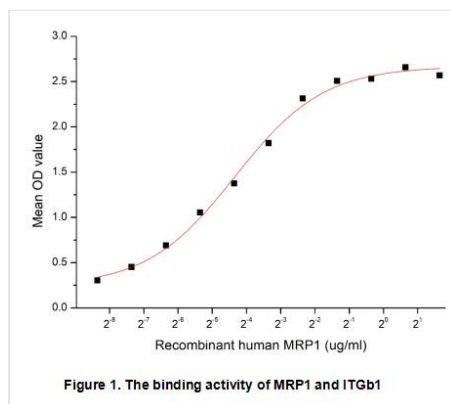
PRODUCT SYNONYMS

Motility Related Protein (MRP1); Active Motility Related Protein (MRP1); Motility Related Protein; MRP1 active protein (prokaryotic); Human; CD9; TSPAN29; 5H9; BA2; BTCC-1; DRAP-27; GIG2; MIC3; P24; Tetraspanin 29; Cell growth-inhibiting gene 2 protein; Leukocyte antigen MIC3; MRP1 active protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ser112~Ile195
Applicable Applications for MRP1 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.9
Research Area	Signal transduction
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Motility Related Protein (MRP1) is a member of the superfamily of ATP-binding cassette (ABC) transporters. It can enable ATPase-coupled inorganic anion transmembrane transporter activity. Involved in anion transmembrane transport ; renal tubular secretion

SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for MRP1 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34769
NCBI GeneID	928
UniProt Accession #	P21926; Q5J7W6; Q96ES4; D3DUQ9
Molecular Weight	25,416 Da
NCBI Official Full Name	MRP-1 (motility related protein)
NCBI Official Synonym Full Names	CD9 molecule
NCBI Official Symbol	CD9
NCBI Official Synonym Symbols	MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29
NCBI Protein Information	CD9 antigen; 5H9 antigen; tetraspanin-29; BA-2/p24 antigen; CD9 antigen (p24); leukocyte antigen MIC3; motility related protein-1; cell growth-inhibiting gene 2 protein
UniProt Protein Name	CD9 antigen
UniProt Gene Name	CD9
UniProt Synonym Gene Names	MIC3; TSPAN29; MRP-1; Tspan-29
UniProt Entry Name	CD9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/motility-related-protein-mrp1/153071>