Mouse EMAP-II/AIMP1 Protein

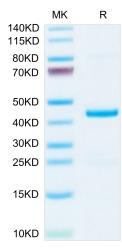
Cat. No. EAP-ME102

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Description	
Source	Recombinant Mouse EMAP-II/AIMP1 Protein is expressed from E.coli with His tag at the N-Terminus.
	It contains Ala2-Lys310.
Accession	P31230
Molecular Weight	The protein has a predicted MW of 35.1 kDa. The protein migrates to 42-46 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Formulation and Storage	
Formulation	Supplied as 0.22µm filtered solution in 20mM Tris, 500mM NaCl, 10% Glycerol (pH 8.0).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Background	
	The potent antiangiogenic and proinflammatory protein Endothelial Monocyte Activating Polypeptide II (EMAP II) has been described as a mediator of pulmonary vascular and alveolar formation and its expression is inversely related to the periods of vascularization and alveolarization in the developing lung. Hence the study of EMAP II could play a vital role in studying and devising appropriate therapeutics for diseases of aberrant lung

Assay Data





development, such as BPD.

Mouse EMAP-II on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.