

Datasheet for ABIN6387875

MEP1A Protein (AA 22-601) (His tag)



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Overview

Quantity:	50 µg
Target:	MEP1A
Protein Characteristics:	AA 22-601
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEP1A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPVPIKYLPEENVHDAFG EQKDISEINL AAGLDFQGD ILLQKSRNGL RDPNTRWTFP IPYILADNLG LNAKGAILYA FEMFRLKSCV DFKPYEGESS YIIFQQFDGC WSEVGQHVHG QNISIGQGCA YKAIIEHEIL HALGFYHEQS RTDRDDYVNI WWDQILSGYQ HNFDTYDDSL ITDLNTPYDY ESLMHYQPFNS FNKNASVPTI TAKIPEFNSI IGQRLDFSAI DLERLNRMYN CTTHTLLDH CTFEKANICG MIQGTRDDTD WAHQDSAQAG EVDHTLLGQC TGAGYFMQFS TSSGSAEEAA LLESRIYPK RKQQCLQFFY KMTGSPSDRL VVWVRRDDST GNVRKLVKVQ TFQGDDHWNW KIAHVVLKEE QKFRYLFQGT KGDPQNSTGG IYLDITLTE TPCPTGVWTV RNFSQVLENT SKGDKLQSPR FYNSEGYGFG VTLYPNSRES SGYLRALFHV CSGENDAILE WPVENRQVII TILDQEPDVR NRMSSSMVFT TSKSHTSPA I NDTVWDRPS RVGTYHTDCN CFRSIDLGWS GFISHQMLKR RSFLKNDDLI IFVDFEDITH LSQHHHHHH
Purity:	> 85% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	MEP1A
Alternative Name:	Meprin A subunit alpha/MEP1A (MEP1A Products)
Background:	MEP1A, also known as meprin A subunit alpha, is a single-pass type I membrane protein which belongs to the peptidase M12A family. It abundantly expressed in kidney and intestinal epithelial cells, are secreted into the urinary tract and intestinal lumen, and are found in leukocytes and cancer cells under certain conditions. It is capable of proteolytically degrading extracellular matrix proteins, proteolytically processing bioactive proteins, and play a role in inflammatory processes. Recombinant human MEP1A, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	67.4 kDa (589aa)
NCBI Accession:	NP_005579
UniProt:	Q16819

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.