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32-13315: MEP1A Human

Alternative Name :	Meprin A Subunit Alpha, PABA Peptide Hydrolase, N-Benzoyl-L-Tyrosyl-P-Amino-Benzoic Acid Hydrolase Subunit Alpha, Meprin A, Alpha (PABA Peptide Hydrolase), Endopeptidase-2, EC 3.4.24.18, PPH Alpha, BA268F1.1 (Meprin A Alpha (PABA Peptide Hydrolase)), EC 3.4.24, PPHA, MEP1A.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
Meprin A subunit alpha (MEP1A) is a single-pass type I membrane protein which is a member of the peptidase M12A family. MEP1A is abundantly expressed in the kidney and intestinal epithelial cells, is secreted into the urinary tract and intestinal lumen, and found in leukocytes and cancer cells under certain conditions. MEP1A is capable of proteolytically degrading extracellular matrix proteins, proteolytically processing bioactive proteins, and has a role in inflammatory processes.
MEP1A produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 589 amino acids (22-601 a.a.) and having a molecular mass of 67.4kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). MEP1A is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	MEP1A protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPVPIKYLP EENVHDADFG EQKDISEINL AAGLDLFQGD ILLQKSRNGL RDPNTRWTFP IPYILADNLG LNAKGAILYA FEMFRLKSCV DFKPYEGESS YIIFQQFDGC WSEVGDQHVG QNISIGQGCA YKAIIEHEIL HALGFYHEQS RTDRDDYVNI WWDQILSGYQ HNFDTYDDSL ITDLNTPYDY ESLMHYQPFS FNKNASVPTI TAKIPEFNSI IGQRLDFSAI DLERLNRMYN CTTTHTLLDH CTFEKANICG MIQGTRDDTD WAHQDSAQAG EVDHTLLGQC TGAGYFMQFS TSSGSAEEAA LLESRILYPK RKQQCLQFFY KMTGSPSDRL VVWVRRDDST GNVRKLVKVQ TFQGDDDHNW KIAHVVLKEE QKFRYLFQGT KGDPQNSTGG IYLDDITLTE TPCPTGVWTV RNFSQVLENT SKGDKLQSPR FYNSEGYGFG VTLYPNSRES SGYLRLAFHV CSGENDAILE WPVENRQVII TILDQEPDVR NRMSSSMVFT TSKSHTSPAI NDTVIWDRPS RVGTYHTDCN CFRSIDLGWS GFISHQMLKR RSFLKNDDLI IFVDFEDITH LSQHHHHHH.