9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MEP1A Human

Meprin A Subunit Alpha Human Recombinant
RCP1352

Product Overview

Name	MEP1A Human
Description	
Meprin A Subunit Alpha Human Recombinant	
Accession (Primary)	Q16819
Synonyms	
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.	
Introduction	
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.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
MEP1A protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP VPIKYLP EENVHDADFG EQKDISEINL AAGLDLFQGD ILLQKSRNGL RDPNTRWTFP IPYILADNLG LNAKGAILYA FEMFRLKSCV DFKPYEGESS YIIFQQFDGC WSEVGDQHVG QNISIGQGCA YKAIIEHEIL	

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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 LSQ HHHHHH.

Precautions

MEP1A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q16819)