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MEP1A, 22-601aa, Human, His-tag, Baculovirus

产品货号: TP02948

第三版

别名: Meprin A subunit alpha, MEP1A, PPHA.

描述: 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.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 67.4kDa (589aa), 70-100kDa (SDS-PAGE under reducing conditions)

序列:

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ADVPPIKYLPEENVHDADFGGEQKDISEINLAAGLDFQGDILLQSRNGLRDPNTRWTFPIPIYLADNLGLNAKGAILYAFE
MFRKLSKCVDFKPYEGESSYIIFQQFDGCWSEVGDQHVGVGNISIGQGCAKAIIEHEILHALGFYHEQSRTDRDDYVNIWW
DQILSGYQHNFDTYDDSLITDLNTPYDYESLMHYQPFSFNKNASVPTITAKIPEFNSIIGQRLDFSAIDLRLNRMVNCSTTTH
TLLDHCTFEKANICGMIQGRDSTDWAHQDSAQAGEVDHTLLGQCTGAGYFMQFSTSSGSAEEAALLESRILYPKRKQQ
CLQFFYKMTGSPDRLVWVRRDDSTGNVRKLVKVQTFQGGDDHNWKIAHVVLKEEQKFRYLFQGTGDPQNSTGGI
YLDDITLTETPCPTGVWTVRNFSQVLENTSKGDKLQSPRYNSEGYGFGVTLYPNSRESSGYLRLAFHVCSEGENDAILEWP
VENRQVIITILDQEPDVRNRMSSSMVFTTSKSHTPAINDTVIWDPRSRVGTYHTDCNCFRSIDLGWSGFISHQMLKRRSFL
KNDDLIIFVDFEDITHLSQHSHHHHHH
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纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.