

32-13316: MEP1B Mouse

Alternative Name : Meprin A subunit beta (EC:3.4.24.63), Endopeptidase-2, Meprin B, Mep1b, Mep-1b.

Description

Source: Sf9 Insect cells.

Sterile filtered colorless solution.

Meprin A subunit beta (MEP1B) belongs to the astacin family of zinc endopeptidases 1, 2. MEP1B is a disulfide-linked, tetrameric metalloendopeptidase in renal brush border membranes. MEP1B is highly regulated, secreted cell-surface metalloendopeptidase, which is amply expressed in the kidney and intestine.

MEP1B produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 642 amino acids (21-654aa) and having a molecular mass of 72.6kDa. (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). MEP1B is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : MEP1B 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 : LPAPEKFVKD IDGGIDQDIF DINQGLGLDL FEGDIKLEAN GKNSIIGDHK RWPHTIPYVL EDSLEMNAKG VILNAFERYR LKTCIDFKPW SGEANYISVF KGSGCWSSVG NIHAGKQELS IGTNCDRIAT VQHEFLHALG FWHEQSRADR DDYVIIVWDR IQPGKEHNFN IYNDVSDSL NVPYDYTSVM HYSKTAFQNG TESTIVTRIS EFEDVIGQRM DFSDYDLLKL NQLYNCTSSL SFMDSCDFEL ENICGMIQSS GDSADWQRVS QVLSGPESDH SKMGQCKDSG FFMHFNTSIL NEGATAMLES RLLYPKRGFQ CLEFYLYNSG SGNDQLNIYT REYTTGQQGG VLTLRQRIKE VPIGSWQLHY VTLQVTKKFR VVFEGLRPG TSSGGLSIDD INLSETRCPH HIWHIQNFTQ ILGGQDTSVY SPPFYSSKGY AFQIYMDLRS STNVGIYFHL ISGANDDQLQ WPCPWQATM TLLDQNPDIR QRMFNQRSIT TDPTMTSDNG SYFWDPRSKV GVTDFVPNGT QFSRGIGYGT TVFITRERLK SREFIKGDDI YILLTVEDIS HLNSTSAVPD PVPTLAVHNA CSEVVCQNGG ICVVQDGRAE CKCPAGEDWW YMGKRCEKRG STRDVEHHHH HH.