

Datasheet for ABIN6387778

Meprin B Protein (AA 21-654) (His tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | Meprin B (MEP1B) |
| Protein Characteristics: | AA 21-654 |
| Origin: | Mouse |
| Source: | Baculovirus infected Insect Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Meprin B protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|-----------|---|
| Sequence: | LPAPEKFKVD IDGGIDQDIF DINQGLGLDL FEGDIKLEAN GKNSIIGDHK RWPHTIPYVL EDSLEMNAKG VILNAFERYR LKTCIDFKPW SGEANYISVF KGSGCWSSVG NIHAGKQELS IGTNCRIAT VQHEFLHALG FWHEQSRADR DDYVIVWDR IQPGKEHNFN IYNDVSDSL NVPYDYTSVM HYSKTAFQNG TESTIVTRIS EFEDVIGQRM DFDSDYDLLKL NQLYNCTSSL SFMDSDFEL ENICGMIQSS GDSADWQRVS QVLSGPESDH SKMGQCKDSG FFMHFNTSIL NEGATAMLES RLLYPKRGFQ CLEFYLYNSG SGNDQLNIYT REYTTGQQGG VLTLQRQIKE VPIGSWQLHY VTLQVTKKFR VVFEGLRGP TSSGGLSIDD INLSETRCPH HIWHIQNFTQ ILGGQDTSVY SPPFYSSKGY AFQIYMDLRS STNVGIYFHL ISGANDDQLQ WPCPWQQATM TLLDQNPDIR QRMFNQRSIT TDPTMTSDNG SYFWDRPSKV GVTDFPNGT QFSRGIGYGT TVFITRERLK SREFIKGDDI YILLTVEDIS HLNSTSAVPD PVPTLAVHNA CSEVVCQNGG ICVVQDGRAE CKCPAGEDWW YMGKRCEKRG STRDVEHHHH HH |
| Purity: | > 90 % by SDS - PAGE |

Product Details

Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target: Meprin B (MEP1B)

Alternative Name: Mep1b ([MEP1B Products](#))

Background: MEP1B, also known as meprin A subunit beta, is a member of the astacin family of zinc endopeptidases 1, 2. It is disulfide-linked, tetrameric metalloendopeptidases in renal brush border membranes. It is highly regulated, secreted, and cell-surface metalloendopeptidases that are abundantly expressed in the kidney and intestine. Recombinant mouse MEP1B, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 72.6kDa (642aa) 70-100kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_032612](#)

UniProt: [Q61847](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

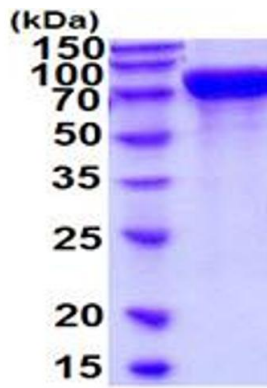
Format: Liquid

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 +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.