

Mep1b, 21-654aa, Mouse, His tag, Baculovirus

Cat.NO.: TP02949

3th Edition

Synonyms:Mep1b, Mep-1b

Description: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.

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

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

Sequences:

LPAPKFKVDIDGGIDQDIFDINQGLGLDLFEGDIKLEANGKNSIIGDHRWPHTIPYVLEDSLEMNAKGVILNAFERY
RLKTCIDFKPWSGEANYISVFKGSGCWSSVGNHAGKQELSIGTNCRIATVQHEFLHALGFWEQSRADRDYV
VWDRIQPGKEHNFNIYNDVSDSLNVPYDYTSVMHYSKTAQNGTESTIVTRISEFEDVIGQRMDFSDYDLLKLNQL
YNCTSSLSFMDSCDFELENICGMIQSSGDSADWQRVSQVLSGPESDHSKMGQCKDSGFFMHFNTSILNEGATAML
ESRLLYPKRGFQCLEFYLYNSGSGNDQLNIYTREYTTGQQGGVLTQRQIKEVPIGSWQLHYVTLQVTKKFRVFE
GLRGPGTSSGGLSIDDINLSETRCPHHIWHIQNFTQILGGQDTSVYSPPFYSSKGYAFQIYMDLRSSTNVGIYFHLIS
GANDDQLQWPCPWQATMTLLDQNPDIRQRMFNQRSITDPTMTSDNGSYFWRPSKVGVTDFPNGTQFSRGI
GYGTTVFITRERLKSREFIKGDDIYILLTVEDISHLNSTSAVPDPVPTLAVHNACSEVVCQNGGICVVQDGRAECKCP
AGEDWWYMGKRCEKRGSTRDVEHHHHHH

Purity:> 95% by HPLC

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

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

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