

Product datasheet for **AR52050PU-N**

Meprin A beta (21-654, His-tag) Mouse Protein

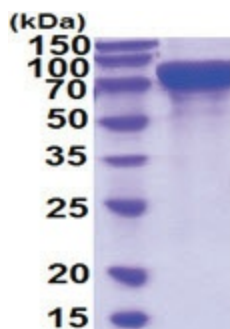
Product data:

Product Type:	Recombinant Proteins
Description:	Meprin A beta (21-654, His-tag) mouse protein, 50 µg
Species:	Mouse
Expression cDNA Clone or AA Sequence:	<p>LPAPKFKVD IDGGIDQDIF DINQGLGLDL FEGDIKLEAN GKNSIIGDHK RWPHTIPYVL EDSLEMNAKG VILNAFERYR LKTCIDFKPW SGEANYISVF KGSGCWSSVG NIHAGKQELS IGTNCDRAT VQHEFLHALG FWHEQSRADR DDYVIIVWDR IQPGKEHNFN IYNDVSVDL NVPYDYTSVM HYSKTAFQNG TESTIVTRIS EFEDVIGQRM DFSDYDLLKL NQLYNCTSSL SFMDSCDFEL ENICGMIQSS GDSADWQRVS QVLSGPESDH SKMGQCKDSG FFMHFNTSIL NEGATAMLES RLLYPKRGFQ CLEFYLYNSG SGNDQLNIYT REYTTGQQGG VLTLRQRIKE VPIGSWQLHY VTLQVTKKFR VVFEGLRPGP TSSGGLSIDD INLSETRCPH HIWHIQNFTQ ILGGQDTSVY SPPFYSSKGY AFQIYMDLRS STNVGIYFHL ISGANDDQLQ WPCPWQQATM TLLDQNPDIR QRMFNQRSIT TDPTMTSDNG SYFWDRPSKV GVTDFVFNPT QFSRGIGYGT TVFITRERLK SREFIKGGDI YILLTVEDIS HLNSTSAVDP PVPTLAVHNA CSEVVCQNGG ICVVQDGRAE CKCPAGEDWW YMGKRCEKRG STRDVEHHHH HH</p>
Tag:	His-tag
Predicted MW:	72.6 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	<p>Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.</p>
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_032612
Locus ID:	17288
UniProt ID:	Q61847



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Cytogenetics:	18 11.81 cM
Synonyms:	Mep-1b
Summary:	Membrane metallopeptidase that sheds many membrane-bound proteins. Exhibits a strong preference for acidic amino acids at the P1' position (PubMed:11278902). Known substrates include: FGF19, VGFA, IL1B, IL18, procollagen I and III, E-cadherin, KLK7, gastrin, ADAM10, tenascin-C. The presence of several pro-inflammatory cytokine among substrates implicate MEP1B in inflammation. It is also involved in tissue remodeling due to its capability to degrade extracellular matrix components (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:

15% SDS-PAGE (3ug)