

AMZ2 抗原（重组蛋白）

中文名称：AMZ2 抗原（重组蛋白）

英文名称：AMZ2 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human AMZ2

技术规格：

Full name:	archaelysin family metallopeptidase 2
Swissprot:	Q86W34
Gene Accession:	BC050709
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	AMZ2 (archaelysin family metallopeptidase 2), also known as archaemetzincin-2 or archeobacterial metalloproteinase-like protein 2, is a 360 amino acid protein belonging to the peptidase M54 family. Encoded by a gene that maps to human chromosome 17q24.2, AMZ2 is predominantly expressed in heart and testis. AMZ2 is also expressed in kidney, liver, pancreas, lung, brain and placenta, and in fetal tissues such as kidney, liver, lung and brain. AMZ2 participates in metal ion binding and functions as a zinc metalloprotease. AMZ2 is inhibited by both general metalloprotease inhibitors o-phenanthroline and batimastat. Exhibiting a minopeptidase activity, AMZ2 acts against Angiotensin in vitro,

but does not hydrolyze either Neurogranin or Angiotensin.