

Recombinant Full Length Human AMZ2 Protein, GST-tagged

Cat. No. AMZ2-1282HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AMZ2 full-length ORF (AAH50709.1, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	360 amino acids
Description	The protein encoded by this gene is a zinc metalloprotease that displays some activity against angiotensin-3. The encoded protein is inhibited by the aminopeptidase inhibitor amastatin, as well as by the general inhibitors o-phenanthroline and batimastat. Defects in this gene may be associated with lung tumorigenesis. [provided by RefSeq, Oct 2016]
Molecular Mass	67.7 kDa
AA Sequence	MQIIRHSEQT LKTALISKNP VLVSQYEKLD AGEQRLMNEA FQPASDLFGP ITLHSPSDWI TSHPEAPQDF EQFFSDPYRK TPSPNKRSIY IQSIGSLGNT RIISEEYIKW LTGYCKAYFY GLRVKLLPEV PVSVTRCSFR VNENTHNLQI HAGDILKFLK KKKPEDAFCV VGITMIDLYP RDSWNFVFGQ ASLTDGVGIF SFARYGSDFY SMHYKGKVKK LKKTSSSDYS IFDNYYIPEI TSVLLLRSCK TLTHEIGHIF GLRHCQWLAC LMQGSNHLEE ADRRPLNLCP ICLHKLQCAV GFSIVERYKA LVRWIDDESS DTPGATPEHS HEDNGNLPKP VEAFFKEWKEW IHKCLAVLQK

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AMZ2 archaelysin family metallopeptidase 2 [Homo sapiens]
Official Symbol	AMZ2
Synonyms	AMZ2; archaelysin family metallopeptidase 2; archaemetzincin-2; archaemetzincin 2; archaemetzincins-2; archeobacterial metalloproteinase-like protein 2
Gene ID	51321
mRNA Refseq	NM_001033569
Protein Refseq	NP_001028741
MIM	615168
UniProt ID	Q86W34

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