

Recombinant Human AMZ1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. AMZ1-192H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AMZ1 MS Standard C13 and N15-labeled recombinant protein (NP_597720) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Zinc metalloprotease. Exhibits aminopeptidase activity against neurogranin in vitro. Does not hydrolyze angiotensin-2.
Molecular Mass	54.7 kDa
AA Sequence	MLQCRPAQEFSFGPRALKDALVSTDAALQQLYVSAFSPAERLFLAEAYNPQRTLFC LLIRTGFDWLLSRPEAPEDFQTFHASLQHRKPRLARKHIYLPIDLSEEPVGSSLLHQ LCSCTEAFFLGLRVKCLPSVAAASIRCSSRPSRSDRLQLHTDGILSFLKNNKPGDAL CVLGLTSLDLYPHEAWSFTFSKFLPGHEVGVCSFARFSGEFPKSGPSAPDLALVEAA ADGPEAPLQDRGWALCFSALGMVQCCKVTCHLCHLLGLGNCRWLRCLMQGALS LDEALRRPLDLCPICLRKLQHVLFRLIERYQRLYTWTQAVVGTWPSQEAGEPSVW EDTPPASADSGMCCESDSEPGTSVSEPLTPDAGSHTFASGPEEGLSYLAASEAPLP PGGPAAEAIKEHERWLAMCIQALQREVAEEDLVQVDRAVDALDRWEMFTGQLPATR QDPPSSRDSVGLRKVLGDKFSSLRRKLSARKLARAESAPRPWDGEESTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

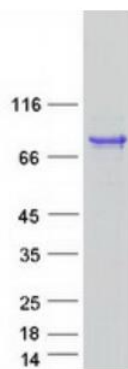
GENE INFORMATION

Gene Name	AMZ1 archaelysin family metallopeptidase 1 [Homo sapiens (human)]
Official Symbol	AMZ1
Synonyms	AMZ1; archaelysin family metallopeptidase 1; archaemetzincin-1; archaemetzincin 1; KIAA1950; metalloproteinase-like protein; archeobacterial metalloproteinase-like protein 1;
Gene ID	155185
mRNA Refseq	NM_133463
Protein Refseq	NP_597720
MIM	615168
UniProt ID	Q400G9

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SDS-PAGE

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