

## Product datasheet for TP315612

### AMZ1 (NM\_133463) Human Recombinant Protein

#### Product data:

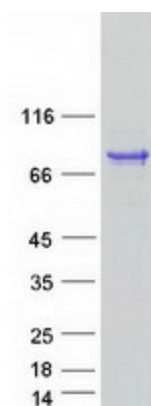
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human archaelysin family metallopeptidase 1 (AMZ1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215612 representing NM_133463 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MLQCRPAQEFSFGPRALKDALVSTDAALQQLYVSAFSPAERLFLAEAYNPQRTLFACTLLIRTGFDWLLSR PEAPEDFQTFHASLQHRKPRRLARKHIYLPIDLSEEPVGSLLHQLCSCTEAFFLGLRVKCLPSVAAASI RCSSRPSRDSRDLQLHTDGILSFLKNNKPGDALCVLGLTSLDLYPHEAWSFTFSKFLPGHEVGVCSFARF SGEFPKSGPSAPDLALVEAAADGPEAPLQDRGWALCFALGMVQCCKVTCHLCHLLGLGNCRWLRCLMQ GALSIDEALRRPLDLCPICLRKLQHVLGFRLIERYQRLYTWTQAVVGTWPSQEAGEPSVWEDTPPASADS GMCCESDSEPGTSVSEPLTPDAGSHTFASGPEEGLSYLAASEAPLPPGGPAEAIKEHERWLAMCIQALQR EVAEEDLVQVDRAVDALDRWEMFTGQLPATRQDPPSSRDSVGLRQVLDGKFSLLRRKLSARKLARAESAP RPWDGEEES  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	54.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<a href="#">NP_597720</a>
Locus ID:	155185
UniProt ID:	<a href="#">Q400G9</a> , <a href="#">A4D202</a>
RefSeq Size:	4415
Cytogenetics:	7p22.3
RefSeq ORF:	1494
Summary:	Zinc metalloprotease. Exhibits aminopeptidase activity against neurogranin in vitro. Does not hydrolyze angiotensin-2.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified AMZ1 protein (Cat# TP315612). The protein was produced from HEK293T cells transfected with AMZ1 cDNA clone (Cat# [RC215612]) using MegaTran 2.0 (Cat# [TT210002]).