

## Product datasheet for **TP315612L**

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

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human archaeysin family metallopeptidase 1 (AMZ1), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC215612 representing NM\_133463  
**Red**=Cloning site **Green**=Tags(s)

MLQCRPAQEFSFGPRALKDALVSTDAALQQLYVSAFSPAERLFLAEAYNPQRTLCTLLIRTGFDWLLSR  
PEAPEDFQTFHASLQHRKPRLARKHIYLQPIDLSEEPVGSSLLHQLCSCTEAFFLGLRVKCLPSVAAASI  
RCSSRPSRDSRDLQLHTDGILSFLKNNKPGDALCVLGLTSLDLYPHEAWSFTFSKFLPGHEVGVCSEFARF  
SGEFPKSGPSAPDLALVEAAADGPEAPLQDRGWALCFALGMVQCCKVTCHLCHLLGLGNCRWLRCLM  
Q  
GALSLEALRRPLDLCPICLRKLQHVLFRLIERYQRLYTWTQAVGTWPSQEAGEPSVWEDTPPASADS  
GMCCESDSEPGTSVSEPLTPDAGSHTFASGPEEGLSYLAASEAPLPPGGPAEAIKEHERWLAMCIQALQR  
EVAEEDLVQVDRAVDALDRWEMFTGQLPATRQDPPSSRDSVGLRKVLGDKFSSLRRLSARKLARAESAP  
RPWDGEES

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**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.

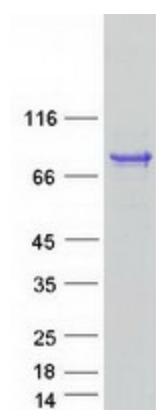
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_597720</u>
<b>Locus ID:</b>	155185
<b>UniProt ID:</b>	<u>Q400G9</u>
<b>RefSeq Size:</b>	4415
<b>Cytogenetics:</b>	7p22.3
<b>RefSeq ORF:</b>	1494
<b>Summary:</b>	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]).