

Product datasheet for PH315612

AMZ1 (NM_133463) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AMZ1 MS Standard C13 and N15-labeled recombinant protein (NP_597720)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215612
Predicted MW:	54.7 kDa
Protein Sequence:	>RC215612 representing NM_133463 Red=Cloning site Green=Tags(s)

MLQCRPAQEF SFGPRALKDALVSTDAALQQLYVSFSPAERLFLAEAYNPQRTL FCTLLIRTGFDWLLSR
PEAPEDFQTFHASLQHRKPRLARKHIYLPIDLSEEPVGSLLHQLCSCTEAFFLGLRVKCLPSVAAASI
RCSSRPSRSDRLQLHTDGILSFLKNNKPGDALCVLGLTSDLYPHEAWSFTFSKFLPGHEVGVCSFARF
SGEFPKSGPSAPDLALVEAAADGPEAPLQDRGWALCFSALGMVQCCKVTCHLCHLLGLGNCRWLRCLMQ
GALSLDEALRRPLDLCPICLRKLQHVLFRLIERYQRLYTWTQAVVGTWPSQEAGEPSVWEDTPPASADS
GMCCESDSEPGTSVSEPLTPDAGSHTFASGP EEGLSYLAASEAPLPPGGPAEAIKEHERWLMAMCIQALQR
EVAEEDLVQVDRAVDALDRWEMFTGQLPATRQDPPSSRDSVGLRKLKVLGDKFSSLRRKLSARKLARAESAP
RPWDGEES

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

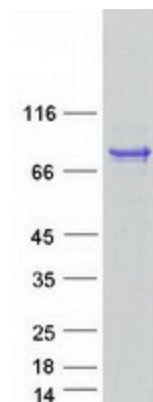
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_597720</u>
RefSeq Size:	4415
RefSeq ORF:	1494



[View online »](#)

Locus ID: 155185
UniProt ID: [Q400G9](#), [A4D202](#)
Cytogenetics: 7p22.3
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]).