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Product datasheet for PH320338

Paralemmin (PALM) (NM_001040134) Human Mass Spec Standard

Product data:

Nescription:PALM MS Standard C13 and N15-labeled recombinant protein (NP_001035224)Species:HumanSpecies:HumanExpression DNA ClongRC20338Predicted MW:37 kDaPredicted MW:Sec209338 representing NM_001040134 Red=Cloning site Green=Tags(s)Protein Sequence:RC2029338 representing NM_001040134 Red=Cloning site Green=Tags(s)Protein Sequence:RC2029338 representing NM_001040134 Red=Cloning site Green=Tags(s)Tag:Compone Compone Compo	Product Type:	Mass Spec Standards	
Expression Host:HEK293Expression DNA GoisRC20338Predicted MW:3 kDaPredicted MW:3 kDaPretein Sequence:Rc220338 representing Md.001040134 Red=Cloning site Green=Tags(s)WEVLAAETTSQQERLOALAEKRKQAELEENKRROLEDERRQLOHLKSKALRERWLEGTPSASEGDEDL RRQMODDEVGKTRLEDOVSRLEKELEVLERGDSAPATAKENAAPSPYAAPAPSPAKEERKTEVVNNSQQ TPVGTRPKORFNKTUNDSOSPMKAVNAVDOTAENGTHANSOSTSSESTAGAAA ETRGAVEGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPVGTRPKORFNKTUNDSOSPMKAVNAVDATAENGTHANSOSTAGAAA ETRGAVEGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPVGTRPKORFNKTUNDSOSPMKAVNAVDATAENGTANAPSYAAPAPSPAKEERKTEVVNNSQQ TPVGTRPKORFNKTUNDSOSPMKAVNAVNAVDCTAENGTANADEVTSSASEGAGAAD TPVGTRPKORFNKTVETDSSSMKAVNAVDCTAENGTANADEVTSSASEGAGAAD TPVGTRPKORFNKTVETDSSSMKAVNAVDCTAENGTANADEVTSSASEGAGAAD TPVGTRPKORFNKTVETDSSSMKAVNAVDCTAENGTAND TPVGTRPKORFNKTSSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPPG0EPPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPG0EPYTMIFMGV0WEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVQAOPGEATSGPG0EPYTMIFMGVVEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVGOVEDEAGTGPG0EPYTMIFMGVVEDEAETKKVLGLQDTI TPKGTRPACGAARTTPSRETTGVGOVEDEAETKGVGOGARTTPSRETTGVG	Description:	PALM MS Standard C13 and N15-labeled recombinant protein (NP_001035224)	
Presension cDNA CloomRC220338Predicted MW:37 kDaProtein Sequence:RC220338 representing NM_001040134 Red=Cloning site Green=Tags(s)Protein Sequence:RC220338 representing NM_001040134 Red=Cloning site Green=Tags(s)MEVLAAETTSQQERLQAIAEKKRQAEIENKRRQLEDERRQLQHLKSKALRERWLLEGTPSSAEGDEDL RRQMODEOKTRLLEDSYSRLEKETEVLEROSAPATAKENAAPSPPVRAPSPSAKEERKTEVVINSQO TPGGTPKDKRVSNTPLRTVDGSPMMKAVVHAVDGTAENGIHPLSSEVDELIHKADEVTISEAGSTAGAA ETRGAVEGAARTTPSRREITGVQA/PGEATSGPGIQPGQEPPVTMIFMCYQNVEDEAETKKVLGLQOTI TAELVVIEDAAEFKEPAPPNGSAAEPPTEAASREENQAGPEATTSDPQDLDMKKRCKCSIMTag:CMyc/DDKTag:S0% as determined by SDS-PAGE and Coomassie blue stainingConcentration:0.05 µg/µL as determined by microplate BCA methodBuffer:0.05 µg/µL as determined by microplate BCA methodBuffer:0.05 µg/µL as determined by microplate BCA methodStorage:Stora 4.80°C. Avoid repeated freeze-thaw cycles.Storage:Stora 4.80°C. Avoid repeated freeze-thaw cycles.Storage:0.901035224RefSeq ORF:0.29Applendict:1029Storage:0.29Puth11029Storage:0.29Puth21029Storage:0.29Storage:0.29Storage:1029Storage:1029Storage:1029Storage:1029Storage:1029Storage:1029Storage:1029Storage:1029Storage:1029Storage:1029Storage:1029 <t< th=""><td>Species:</td><td colspan="2">Human</td></t<>	Species:	Human	
or AA Sequence:Predicted MW:37 kDaProtein Sequence:>RC220338 representing ML_001040134 Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)MEVLAAETTSQQERLQAIAEKKRQAEIENKRRQLEDERRQLQHLKSKALRERWLLEGTPSSASEGDEDL RR0MQDDEQKTRLLEDSVSRLEKEIEVLERGDSAPATAKENAAPSPVRAPAPSPAKEEKRTEVVMSQQ TVGTPKODKRVSNTPLRTVDGSPMMKAVVHAVDGTAENGIPHUSSSEVDELIHKADEVTLSEAGSTAGAA ErGAVEGAARTTPSREITGVQAPCeATSGPF010PCQEPPVTMIHGVQNVEDEAETKKVLGLQDTI TAELVVIEDAAEPKEPAPPNGSAAEPPTEAASREENQAGPEATTSDPQULMKKHRCKCCSIMTag:CMyc/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingGoncentration:>0.05 µg/µL as determined by microplate BCA methodBuffer:Cabeled with [U-13C6, 15N4]-LArginine and [U-13C6, 15N2]-LysineBuffer:Stom Tris-HC1, 100 mM glycine, pH 7.3Storage:Stom A Sine for 3 months from receipt of products under proper storage and handling conditionsRefSeq NE:NP 001035224RefSeq ORF:1029Apsonyms:PALM1	Expression Host:	HEK293	
Protein Sequence:Rc220338 representing NM_001040134 Red=Cloning site Green=Tags(s)WEVLAETTSQQERLQAIAEKRKRQAEIENKRRQLEDERRQLQHLKSKALRERWLLEGTPSSASEGDEDL RRQMQDDEQKTRLLEDSVSRLEKEIEVLERGDSAPATAKENAAPSPVRAPAPSPAKEERKTEVVMNSQQ TPVGTPKDKRVSNTPLRTVDGSPMMKAVHAVDGTAENGIHPLSSSEVDELIHKADEVTLSEAGSTAGAA ETRGAVEGAARTTPSRETIGVQAQPGEATSGPPGIQOGQPPVTMIFMGYQNVEDEAETKKVLGQDTI TAELVVIEDAAEPKEPAPPNGSAAEPPTEAASREENQAGPEATTSDPQDLDMKKHRCKCCSIMTag:TRTRPLEQKLISEEDLAANDILDVKDDDDKVPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:0 Store at -80°C. Avoid repeated freeze-thaw cycles.Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.RefSeqNP 001035224RefSeq Size:0758AgrSeq ORF:1029Punty:04L11	•	RC220338	
Red=Cloning site Green=Tags(s)MEVLAAETTSQQERLQAIAEKRKRQAEIENKRRQLEDERRQLQHLKSKALRERWLLEGTPSSASEGDEDL RRQMQDDEQKTRLLEDSVSRLEKEIEVLERGDSAPATAKENAAAPSPVRAPAPSPAKEERKTEVVMNSQQ TPVGTPKDKRVSNTPLRTVDGSPMMKAVVHAVDGTAENGIHPLSSSEVDELIHKADEVTLSEAGSTAGAA ETRGAVEGAARTTPSRREITGVQAQPGCATSGPPG10PGQEPPVTMIFMGYQNVEDEAETKKVLGLQDTI TAELVVIEDAAEPKEPAPPNGSAAEPPTEAASREENQAGPEATTSDPQDLDMKKHRCKCCSIMTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 Size:2758RefSeq ORF:1029Synonyms:PALM1	Predicted MW:	37 kDa	
RRQMQDDEQKTRLLEDSVSRLEKEIEVLERGDSAPATAKENAAAPSPVRAPAPSPAKEERKTEVVMNSQQ TPVGTPKDKRXSNTPLRTVDGSPMMKAVVHAVDGTAENGTHPLSSSEVDELTHKADEVTLSEAGSTAGAA ETRGAVEGAARTTPSREITGVQAQPGEATSGPPGIQPQGPPVTMIFMGYQNVEDEAETKKVLGLQDTI TAELVVIEDAAEPKEPAPPNGSAAEPPTEAASREENQAGPEATTSDPQDLDMKKHRCKCCSIMTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:CMyc/DDKPurity:S0% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:05 mM Tris-HCI, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.RefSeq:NP 001035224RefSeq ORF:025PALM1U29Synonyms:PALM1	Protein Sequence:		
Tag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 Size:NP 001035224RefSeq ORF:1029Multication:PALM1		RRQMQDDEQKTRLLEDSVSRLEKEIEVLERGDSAPATAKENAAAPSPVRAPAPSPAKEERKTEVVMNSQQ TPVGTPKDKRVSNTPLRTVDGSPMMKAVVHAVDGTAENGIHPLSSSEVDELIHKADEVTLSEAGSTAGAA ETRGAVEGAARTTPSRREITGVQAQPGEATSGPPGIQPGQEPPVTMIFMGYQNVEDEAETKKVLGLQDTI	
Purity:> 80% as determined by SDS-PAGE and Coomassie blue stainingPurity:> 80% as determined by microplate BCA methodConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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:NP 001035224RefSeq ORF:1029Synonyms:PALM1		TRTRPLEQKLISEEDLAANDILDYKDDDDKV	
Concentration:>0.05 μg/μL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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:NP 001035224RefSeq ORF:1029Synonyms:PALM1	Tag:	C-Myc/DDK	
Labeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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:NP 001035224RefSeq ORF:2758Synonyms:PALM1	Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining	
Buffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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:NP 001035224RefSeq Size:2758RefSeq ORF:1029Synonyms:PALM1	Concentration:	>0.05 µg/µL as determined by microplate BCA method	
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:NP 001035224RefSeq Size:2758RefSeq ORF:1029Synonyms:PALM1	Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine	
Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001035224RefSeq Size:2758RefSeq ORF:1029Synonyms:PALM1	Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3	
RefSeq: NP 001035224 RefSeq Size: 2758 RefSeq ORF: 1029 Synonyms: PALM1	Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.	
RefSeq Size: 2758 RefSeq ORF: 1029 Synonyms: PALM1	Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.	
RefSeq ORF:1029Synonyms:PALM1	RefSeq:	<u>NP 001035224</u>	
Synonyms: PALM1	RefSeq Size:	2758	
	RefSeq ORF:	1029	
Locus ID: 5064	Synonyms:	PALM1	
	Locus ID:	5064	



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	Paralemmin (PALM) (NM_001040134) Human Mass Spec Standard – PH320338
UniProt ID:	<u>075781, A0A024R207</u>
Cytogenetics:	19p13.3
Summary:	This gene encodes a member of the paralemmin protein family. The product of this gene is a prenylated and palmitoylated phosphoprotein that associates with the cytoplasmic face of plasma membranes and is implicated in plasma membrane dynamics in neurons and other cell types. Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq, Jul 2008]

Product images:

116 -	-
66 -	
45 -	-
35 -	-
25 -	-
18 -	-
14 -	-

Coomassie blue staining of purified PALM protein (Cat# [TP320338]). The protein was produced from HEK293T cells transfected with PALM cDNA clone (Cat# [RC220338]) using MegaTran 2.0 (Cat# [TT210002]).

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