

Product datasheet for PH316256

PRR16 (NM_016644) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRR16 MS Standard C13 and N15-labeled recombinant protein (NP_057728)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216256
Predicted MW:	30.2 kDa
Protein Sequence:	>RC216256 representing NM_016644 Red =Cloning site Green =Tags(s)

MAQSGLTATSASQVQAILLPQPASVRHYAWVVDQIDTLTSDLQLEDEMTDSSKTDTLNSSSSGTTASSLE
 KIKVQANAPLIKPPAHPSAITVLRKPNPPPPRLTPVKCEDPKRVVPTANPVKTNGTLRLRNGGLPGGP
 NKIPNGDICCIPNSNLDKAPVQLLMHRPEKDRCQPAGPRERVRFNEKVQYHGYPDCDTRYNIKNREVHL
 HSEPVHPPGKIPHQGPPLPPTPHLPPFLENGMGISHSNSFPPIRPATVPPTAPKPQKTILRKSTTTT
 V

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_057728</u>
RefSeq Size:	1798
RefSeq ORF:	843
Synonyms:	DSC54; LARGEN
Locus ID:	51334

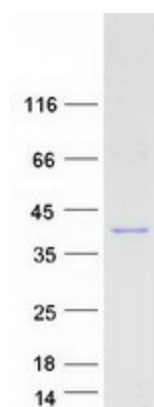

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UniProt ID: Q569H4

Cytogenetics: 5q23.1

Summary: Regulator of cell size that promotes cell size increase independently of mTOR and Hippo signaling pathways. Acts by stimulating the translation of specific mRNAs, including those encoding proteins affecting mitochondrial functions. Increases mitochondrial mass and respiration.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified PRR16 protein (Cat# [TP316256]). The protein was produced from HEK293T cells transfected with PRR16 cDNA clone (Cat# [RC216256]) using MegaTran 2.0 (Cat# [TT210002]).