

Product datasheet for PH321319

C3orf15 (MAATS1) (NM_033364) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C3orf15 MS Standard C13 and N15-labeled recombinant protein (NP_203528)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221319
Predicted MW:	90 kDa
Protein Sequence:	>RC221319 protein sequence Red=Cloning site Green=Tags(s)

MSHAVTIEEPQAQPQVSQTRYRERSRAGSHISSNRAYDFLYDPLFIVSSEKDHTQANIQATLIRSRLRKV
PRFKTMFNLIHYPYSLYWSKSDPVPPFI SREWKGHKEKHREALRQLTTTDFASFQMPKEYVEDPEVTGK
NRYKYFERPFLPFFQMPFNVVYAVSKAEPYTFPPTSTKHL SIPSKSTVGTQTDYRDADVQTD PYSPEYV
VCQDSIPELLTLATLTWGRGLPAGQAEVEMIERAREKRAWEASLPALSDTSQFEKRRKMMNEMERKEWAF
REQEIEKLQEIRLEV LKELLRKREENQNEVNMKHLNARWSKLQEGKEAKMAKIQRTHVSTIRKLVGKRKN
IEGKLERRNI IKDYSYASQVYGPLSRLGCFPDNNSDFVVKNYLNTYEGLVELESCLPDFVTQPQIRA
PKPKVITTKAGFLKRAARLDYELAEVHKALLDKKNKLVKPKPRFLQRNPIQPRLPTPTLEMTSNEEE
EMEMAVIYLQKLLRGRVVQNMFFEGKEKRELEIQELRTCHALQEDEKLVKKAQVTLALQRQRNLHEHK
VSLVENHLAGLEGRALADMDFLSKELVRLQEERRIHAFVMLAERQRRVREAEESGRRQVEKQRLREED
IFKEVVKVHSTISSYLEDIILNTEANTAEQARAEIEKMAEKINDIAYEMESRRTYLQSEEI V AELVYS
FLIPEVQKYFVKEKVRNAQRKHILAAHQI IHSYTESMVQKKLTEGEQDEASNAAMLLEKETQNNNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

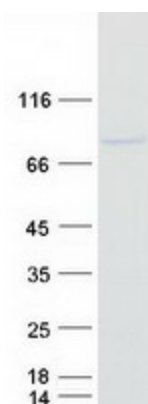
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_203528</u>



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RefSeq Size:	4449
RefSeq ORF:	2301
Synonyms:	AAT1; AAT1alpha; C3orf15; CaM-IP2; MAATS1; SPATA26
Locus ID:	89876
UniProt ID:	Q7Z4T9 , Q7Z4T9-7
Cytogenetics:	3q13.33
Summary:	May play a role in spermatogenesis (PubMed:12223483). May regulate cilium motility through its role in the assembly of the axonemal radial spokes (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MAATS1 protein (Cat# [TP321319]). The protein was produced from HEK293T cells transfected with MAATS1 cDNA clone (Cat# [RC221319]) using MegaTran 2.0 (Cat# [TT210002]).