

Product datasheet for TP321319

C3orf15 (MAATS1) (NM_033364) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 3 open reading frame 15 (C3orf15), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221319 protein sequence Red=Cloning site Green=Tags(s)

MSHAVTIEEPQAQPQVSQTRYRERSRAGSHISSNRAYDFLYDPLFVSSSEKDHTQANIQATLIRSRLRKV
PRFKTMFSNLIHYPRYSLYWSKSDPVPFISREWKGHKEKHREALRQLTTTASQMPKEVYEDPEVTGK
NRYKYFERPFLPFFQQMPFNVVYAVSKAEPYTFPPTSTKHLSIPSKSTVGTQTDYRDADVQTDYPSPYEV
VCQDSIPELLTLATLTWGRGLPAGQAEVEMIERAREKRAWEASLPALSDTSQFEKRRKMMNEMERKEWAF
REQEIEKLQEIRLEVLKELLRKREENQNEVNMKHLNARWSKLQEGKEAKMAKIQRTHVSTIRKLVGKRKN
IEGKLERRNIKDYSQVYGPLSRLGCFDNNSEDFVVKNYLNTYEGLVELESCLPDFVTQPQIRA
PKPKVITTKAGFLKRAARLDYELAEVHKALLDKKNKVLVKKPPRFLQRNPIPQPRPTPTLEMTSNEEE
EMEMAVIYLQKLLRGRVQNMFMFEGKEKRLELIQELRTCHALQEDEKLVKKAQVTLALQRQNLHEHK
VSLVENHLAGLEGRALADMFDLSKELVRLQEERRIHAFVMLAERQRRVREAEESSRRQVEKQRLREED
IFKEVKVHHSTISSYLEDIILNTEANTAEQARAEIEKMAEKINDIAYEMESRRTYLQSEEIVAEVYS
FLIPEVQKYFVKEKVRNAQRKHILAAHQIHSYTESMVQKKLTEGEQDEASNAAMLLEKETQNNNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

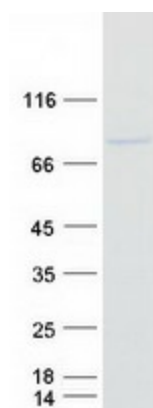
Tag:	C-Myc/DDK
Predicted MW:	89.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_203528
Locus ID:	89876
UniProt ID:	Q7Z4T9 , Q7Z4T9-7
RefSeq Size:	4449
Cytogenetics:	3q13.33
RefSeq ORF:	2301
Synonyms:	AAT1; AAT1alpha; C3orf15; CaM-IP2; MAATS1; SPATA26
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]).