

Product datasheet for PH302091

C19orf21 (MISP) (NM_173481) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C19orf21 MS Standard C13 and N15-labeled recombinant protein (NP_775752)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202091
Predicted MW:	75.4 kDa
Protein Sequence:	>RC202091 protein sequence Red=Cloning site Green=Tags(s)

MDRVTRYPIILGIPQHRGTGLVLDGDTSYTYHLVCMGPEASGWGQDEPQTWPTDHRAQQGVQRQGVSYSV
HAYTGQPSRGLHSENREDEGWVYRLGARDAHQGRPTWALRPEDGEDKEMKTYRLDAGDADPRRLCDLE
RERWAVIQGQAVRKSSTVATLQGTDPDHGDPRTGPPRSTPLEENVVDREQIDFLAARQQFLSLEQANKGA
PHSSPARGTPAGTTPGASQAPKAFNKPHLANGHVVPKPKQVKGVVREENKVRAVPTWASVQVDDPGSLA
SVESPGTPKETPIEREIRLAQEREADLREQRLRQATDHQELVEIPTRPLLTKLSLITAPRRERGRPSLY
VQRDIVQETQREEDHRREGLHVGRASTPDWVSEGPPGLRRALSSDSILSPAPDARAADPAPEVRKVNRI
PPDAYQPYLSPGTPQLEFSAFGAFGKPSLSTAEAKAATSPKATMSPRHLSSESSGKPLSTKQEASKPPRG
CPQANRGVVRWEYFRLRPLRFRAPDEPQQAQVPHVWGWEVAGAPALRLQKSQSSDLLERERESVLRREQE
VAEERRNALFPEVFSPTPDENSQNSRSSQASGITGSYSVSESPFFSPIHLHSNVAWTVEDPVDSAPPG
QRKKEQWYAGINPSDGINSEVLEAIRVTRHKNAERWESRIYASEEDD

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:	NP_775752
RefSeq Size:	2907



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RefSeq ORF: 2037

Synonyms: C19orf21; MISP1

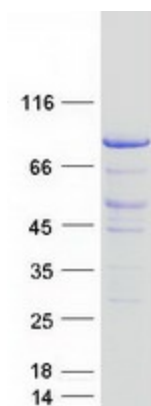
Locus ID: 126353

UniProt ID: [Q8IVT2](#)

Cytogenetics: 19p13.3

Summary: The protein encoded by this gene is an actin-bundling protein involved in determining cell morphology and mitotic progression. The encoded protein is required for the proper positioning of the mitotic spindle. Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Feb 2016]

Product images:



Coomassie blue staining of purified MISP protein (Cat# [TP302091]). The protein was produced from HEK293T cells transfected with MISP cDNA clone (Cat# [RC202091]) using MegaTran 2.0 (Cat# [TT210002]).