

Product datasheet for PH302401

C9orf156 (TRMO) (NM_016481) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C9orf156 MS Standard C13 and N15-labeled recombinant protein (NP_057565)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202401
Predicted MW:	48.6 kDa
Protein Sequence:	>RC202401 protein sequence Red=Cloning site Green=Tags(s)

MRGLEEPGRPTATPCGCVKPALETGNLLTEPVGYLESCFSAKNGTQRQPSICSYSRACLRIRKRFNNP
EHSMLGLEQFQSHVWILFVFKNGHLSCAKVQPPRLNGAKTGVFSTRSPHRPNAIGLTLAKLEKVEGGAI
YLSGIDMIHGTPVLDIKPYIAEYDSPQNVMEPLADFNLQNNQHTPNTVSQSDSKTDCDQRQLSGCDEPQ
PHHSTKRKPKCPEDRTSEENYLTHSDTARIQQAFPMHREIAVDFGLESRRDQSSVAEEQIGPYCPEKSF
SEKGTDKKLERVEGA AVLQGSRAETQPMAPHCPAGRADGAPRSVVPAAWTEAPVATLEVRFTPHAEMDLG
QLSSQDVGQASFKYFQSAEEAKRAIEAVLSADPRSVYRRKLCQDRLFYFTVDIAHVTCWFGDGF AEVLRI
KPASEPVHMTGPVGSLSLGS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_057565</u>
RefSeq Size:	1664
RefSeq ORF:	1323
Synonyms:	C9orf156; HSPC219; NAP1



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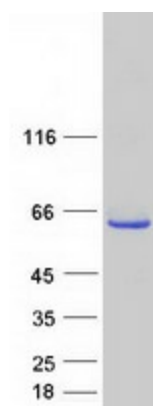
Locus ID: 51531

UniProt ID: [Q9BU70](#)

Cytogenetics: 9q22.33

Summary: S-adenosyl-L-methionine-dependent methyltransferase responsible for the addition of the methyl group in the formation of N6-methyl-N6-threonylcarbamoyladenosine at position 37 (m(6)t(6)A37) of the tRNA anticodon loop of tRNA(Ser)(GCU) (PubMed:25063302). The methyl group of m(6)t(6)A37 may improve the efficiency of the tRNA decoding ability. May bind to tRNA (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TRMO protein (Cat# [TP302401]). The protein was produced from HEK293T cells transfected with TRMO cDNA clone (Cat# [RC202401]) using MegaTran 2.0 (Cat# [TT210002]).