

Product datasheet for PH308795

MTA3 (NM_020744) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MTA3 MS Standard C13 and N15-labeled recombinant protein (NP_065795)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208795
Predicted MW:	58.8 kDa
Protein Sequence:	>RC208795 protein sequence Red=Cloning site Green=Tags(s)

MAANMYRVGDYVYFENSSNPYLIRRIEELNKTAGNVEAKVVCFYRRRDISNTLIMLADKHAKEIEEES
ETTVEADLTDKQKHQLKHRELFSLRQYESLPATHIRGKCSVALLNETESVLSYLDKEDTFFYSLVYDPSL
KTL LADKGEIRVGPRYQADIPEMLLLEGESDEREQSKLEVKVWDPNSPLTDRQIDQFLVVARAVGTFARAL
DCSSSVRQPSLHMSAAAASRDITLFHAMDTLYRHSYDLSSAISVLVPLGGPVLCRDEMEEWSASEASLFE
EAL EKYGKDFNDIRQDFLPWKSLSIIIEYYMWKTTDRYVQKRLKAAEAESKLGQVYIPTYSKPNPNQI
STSNKPGAVNGAVGTTFPQNPLLGRACESCYATQSHQWYSWGPPNMQCRLCAICWLYWKYGGGLKMP
QSEEEKLSPSPTTEDPRVRSRQAMQMPVRNTGSPKSAVKTRQAFFLHTTYFTKFARQVCKNTLRLR
QAARRPFVAINYAAIRAECKMLLNS

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:	NP_065795
RefSeq Size:	2218
RefSeq ORF:	1545



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Locus ID: 57504

UniProt ID: [Q9BTC8](#)

Cytogenetics: 2p21

Summary: Plays a role in maintenance of the normal epithelial architecture through the repression of SNAI1 transcription in a histone deacetylase-dependent manner, and thus the regulation of E-cadherin levels. Contributes to transcriptional repression by BCL6.[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified MTA3 protein (Cat# [TP308795]). The protein was produced from HEK293T cells transfected with MTA3 cDNA clone (Cat# [RC208795]) using MegaTran 2.0 (Cat# [TT210002]).