

Product datasheet for PH305694

PCID1 (EIF3M) (NM_006360) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EIF3M MS Standard C13 and N15-labeled recombinant protein (NP_006351)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205694
Predicted MW:	42.5 kDa
Protein Sequence:	>RC205694 protein sequence Red=Cloning site Green=Tags(s)

MSVPAFIDISEEDQAAELRAYLKSKEGAEISEENSEGGLHVDLAQIIEACDVCLKEDDKDVESVMNSVVSL
LLILEPDKQEALIESLCEKLVKFRGERPSRLQLLSNLFHGMDKNTVPVRYTVYCSLIKVAASCGAIQYI
PTELDQVRKWI SDWNL TTEKKHTLLRLLYEALVDCKKSDAASKVMVELLGSYTEDNASQARVDAHRCIVR
ALKDPNAFLFDHLLTLKPVKFLGELIHDLLTIFVSAKLASYVKFYQNNKDFIDSLGLLHEQNMAKMRLL
TFMGMAVENKEISFDTMQQELQIGADDEAFVIDAVRTKMYVYCKIDQTRKVVVSHSTHRTFGKQQWQQL
YDTLNAWKQNLNKVKNLSLLSLSDT

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_006351</u>
RefSeq Size:	1338
RefSeq ORF:	1122
Synonyms:	B5; GA17; hfl-B5; PCID1; TANGO7
Locus ID:	10480



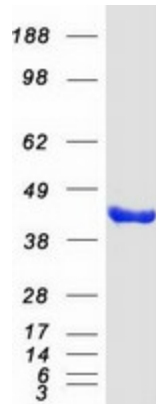
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UniProt ID: [Q7L2H7](#)

Cytogenetics: 11p13

Summary: This gene encodes a protein that is part of the eukaryotic translation initiation factor 3 complete (eIF-3) required for protein synthesis. Elevated levels of the encoded protein are present in cancer cell lines. Inactivation of the encoded protein has been shown to interfere with translation of herpes virus mRNAs by preventing the association of mRNAs with the ribosomes. A pseudogene of this gene is located on the X chromosome. [provided by RefSeq, Dec 2011]

Product images:



Coomassie blue staining of purified EIF3M protein (Cat# [TP305694]). The protein was produced from HEK293T cells transfected with EIF3M cDNA clone (Cat# [RC205694]) using MegaTran 2.0 (Cat# [TT210002]).