

Recombinant Human EIF3M Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EIF3M-3020H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EIF3M MS Standard C13 and N15-labeled recombinant protein (NP_006351) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	42.5 kDa
AA Sequence	MSVPAFIDISEEDQAAELRAYLKSKGAEISEENSEGGLHVDLAQIIEACDVCLKEDDK DVESVMNSVSVSLLLILEPDKQEALIESLCEKLVKFRGERPSRLQLLSNLFHGMMDKN TPVRYTVYCSLIKVAASCGAIQYIPTELDQVRKWISDWNLTTEKKHTLLRLLYEALVD CKKSDAASKVMVELLGSYTEDNASQARVDAHRCIVRALKDPNAFLFDHLLTLKPVKF LEGELIHDLLTIFVSAKLASYVKFYQNNKDFIDSLGLLHEQNMAMRLLTFMGMAVEN KEISFDTMQQELQIGADDVEAFVIDAVRTKMVYCKIDQTQRKVVSHTSTHRTFGKQQ WQQLYDTLNAWKQNLNKVKNLSLSLSDTTRTRPLEQKLISEEDLAANDILDYKDDDD

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	KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	EIF3M eukaryotic translation initiation factor 3 subunit M [Homo sapiens (human)]
Official Symbol	EIF3M
Synonyms	EIF3M; eukaryotic translation initiation factor 3, subunit M; PCI domain containing 1 (herpesvirus entry mediator), PCID1; eukaryotic translation initiation factor 3 subunit M; eIF3m; FLJ29030; GA17; hfl B5; B5 receptor; fetal lung protein B5; dendritic cell protein; PCI domain-containing protein 1; PCI domain containing 1 (herpesvirus entry mediator); B5; PCID1; hfl-B5;
Gene ID	10480
mRNA Refseq	NM_006360
Protein Refseq	NP_006351

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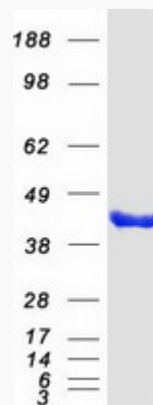
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MIM 609641

UniProt ID Q7L2H7

SDS-PAGE



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