

Recombinant Human EIF3M, His-tagged

Cat. No. EIF3M-12374H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF3M protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-374a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	EIF3M eukaryotic translation initiation factor 3, subunit M [Homo sapiens]
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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
MIM	609641
UniProt ID	Q7L2H7
Chromosome Location	11p13
Function	protein binding; contributes_to translation initiation factor activity;