

Recombinant Human EIF3M 293 Cell Lysate

Cat. No. EIF3M-6655HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for eukaryotic translation initiation factor 3, subunit M (EIF3M) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.

Components

This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).

Size 0.1 mg

Storage Instruction

Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

EIF3M eukaryotic translation initiation factor 3, subunit M [Homo sapiens]

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;

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