

## Recombinant Human EEF1D cell lysate

Cat. No. EEF1D-531HCL Lot. No. (See product label)

### SPECIFICATION

|                       |  |
|-----------------------|--|
| <b>Species</b>        | Human  |
| <b>Description</b>    | This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit functions as guanine nucleotide exchange factor. It is reported that this subunit interacts with HIV-1 Tat, and thus it represses the translation of host-cell, but not HIV-1, mRNAs. Several alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. |
| <b>Size</b>           | 100 ul   |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)  |
| <b>Applications</b>   | Western Blot;  |

### GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | EEF1D eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) [ Homo sapiens ]   |
| <b>Official Symbol</b> | EEF1D   |
| <b>Synonyms</b>        | EEF1D; eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein); elongation factor 1-delta; EF 1D; FLJ20897; EF-1-delta; antigen NY-CO-4; |

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guanine nucleotide exchange protein; EF1D; EF-1D; FP1047;

**Gene ID**

1936

**mRNA Refseq**

NM\_001130053

**Protein Refseq**

NP\_001123525

**MIM**

130592

**UniProt ID**

P29692

**Chromosome  
Location**

8q24

**Pathway**

Eukaryotic Translation Elongation, organism-specific biosystem; Gene Expression, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Metabolism of proteins, organism-specific biosystem; Translation, organism-specific biosystem; Translation Factors, organism-specific biosystem;

**Function**

protein binding; signal transducer activity; translation elongation factor activity; translation factor activity, nucleic acid binding;

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