

Recombinant Human EEF1D cell lysate

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

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	EEF1D eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) [Homo sapiens]
Official Symbol	EEF1D
Synonyms	EEF1D; eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange

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	protein); elongation factor 1-delta; EF 1D; FLJ20897; EF-1-delta; antigen NY-CO-4; 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;