

Recombinant Human EEF1D Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EEF1D-6325H Lot. No. (See product label)

SPECIFICATION

Product Overview

EEF1D MS Standard C13 and N15-labeled recombinant protein (NP_001123527) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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, delta, functions as guanine nucleotide exchange factor. It is reported that following HIV-1 infection, this subunit interacts with HIV-1 Tat. This interaction results in repression of translation of host cell proteins and enhanced translation of viral proteins. Several alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. Related pseudogenes have been defined on chromosomes 1, 6, 7, 9, 11, 13, 17, 19.

Molecular Mass

30.9 kDa

AA Sequence

MATNFLAHEKIWFDFKFKYDDAERRFYEQMNGPVAGASRQENGASVILRDIARARENI
 QKSLAGSSGPGASSGTSGDHGELVVRIASLEVENQSLRGVVQELQQAISKLEARLN
 VLEKSSPGHRATAPQTQHVSPMRQVEPPAKKPATPAEDDEDDDDIDLFGSDNEEEDK
 EAAQLREERLRQYAEKKAKKPALVAKSSILLDVKPWDETDMAQLEACVRSIQLDGL
 VWGASKLVPVGYGIRKLQIQCVVEDDKVGTDLLEEEITKFEHVQSVDAAFNKITRT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RPLEQKLISEEDLAANDILDYKDDDDKV

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 [EEF1D eukaryotic translation elongation factor 1 delta \[Homo sapiens \(human\) \]](#)

Official Symbol [EEF1D](#)

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

Gene ID [1936](#)

mRNA Refseq [NM_001130055](#)

Protein Refseq [NP_001123527](#)

MIM [130592](#)

 Tel: 1-631-559-9269 1-516-512-3133

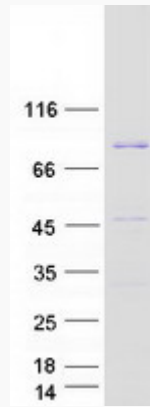
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

P29692

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA