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EEF1D Human

Eukaryotic Translation Elongation Factor 1 Delta Human Recombinant RCP0707

Product Overview

Name	EEF1D Human
Description	
Eukaryotic Translation Elongation Factor 1 Delta Human Recombinant	
Accession (Primary)	P29692
Synonyms	
Elongation factor 1-delta, EF-1-delta, Antigen NY-CO-4, EEF1D, EF1D, EF-1D, FP1047, FLJ20897.	
Introduction	
Eukaryotic translation elongation factor 1 delta (EEF1D) is a subunit of the elongation factor-1 complex that is responsible for the enzymatic transport of aminoacyl tRNAs to the ribosome. EEF1D functions as guanine nucleotide exchange factor. EEF1D interacts with HIV-1 Tat, and consequently represses the translation of host-cell, but not HIV-1, mRNAs. EEF1D overexpression is linked to oesophageal carcinoma and may negatively influence the outcome of medulloblastomas.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The EEF1D solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MATNFLAHEK IWFDKFKYDD AERRFYEQMN GPVAGASRQE NGASVILRDI ARARENIQKS LAGSSGPGAS SGTSGDHGEL VVRIASLEVE NQSLRGVVQE LQQAISKLEA RLNVLEKSSP GHRATAPQTQ HVSPMRQVEP PAKKPATPAE DDEDDDIDLF GSDNEEEDKE AAQLREERLR QYAEKKAKKP ALVAKSSILL DVKPWDDETD MAQLEACVRS IQLDGLVWGA SKLVPVGYGI RKLQIQCVVE DDKVGTDLLE	

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Precautions

EEF1D Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P29692)