

32-3710: EEF1D Recombinant Protein

Alternative Name : Elongation factor 1-delta,EF-1-delta,Antigen NY-CO-4,EEF1D,EF1D,EF-1D,FP1047,FLJ20897.

Description

Source : Escherichia Coli. EEF1D Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 301 amino acids (1-281 a.a.) and having a molecular mass of 33.2kDa (Molecular weight on SDS-PAGE will appear higher). The EEF1D is purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The EEF1D solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.
Storage condition :	EEF1D should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSSLVPRGSH MATNFLAHEK IWFDFKFKYDD AERRFYEQMN GPVAGASRQE NGASVILRDI ARARENIQKS LAGSSGPGAS SGTSGDHGEL VVRIASLEVE NQSLRGVVQE LQQAISKLEA RLVNLEKSSP GHRATAPQTQ HVSPMRQVEP PAKKPATPAE DDEDDIDLF GSDNEEEDKE AAQLREERLR QYAEKKAKKP ALVAKSSILL DVKPWDDETQ MAQLEACVRS IQLDGLVWGA SKLVPVGYGI RKLQIQCVVE DDKVGTDLLE EEITKFEEHV QSVDIAAFNK I.

