

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 SSGLVPRGSH MATNFLAHEK IWFDKFKYDD AERRFYEQMN GPVAGASRQE NGASVILRDI ARARENIQKS LAGSSGPGAS SGTSGDHGEL VVRIASLEVE NQSLRGVVQE LQQAISKLEA RLNVLEKSSP GHRATAPQTQ HVSPMRQVEP PAKKPATPAE DDEDDIDL F GSDNEEEDKE AAQLREERLR QYAEKKAKKP ALVAKSSILL DVKPWDETD MAQLEACVRS IQLDGLVWGA SKLVPVGYGI RKLQIQCVVE DDKVGTDLLE EEITKFEHV QSVDIAAFNK I.

