

RPPB2501

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## Product Information    Protein Information

**Product SKU:**

RPPB2501

**Accession:**

O00418

**Host:**

Escherichia Coli.

**Protein description:**

EEF2K Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 748 amino acids (1-725 a.a) and having a molecular mass of 84.6kDa. EEF2K is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Eukaryotic Elongation Factor 2 Kinase, Calcium/Calmodulin-Dependent Eukaryotic Elongation Factor 2 Kinase, EEF-2 Kinase, EC 2.7.11.20, EEF-2K, Calcium/Calmodulin-Dependent Eukaryotic Elongation Factor-2 Kinase, Calmodulin-Dependent Protein Kinase III, Eukaryotic Elongation Factor 2 Kinase, Eukaryotic Elongation Factor-2 Kinase, Elongation Factor-2 Kinase, EC 2.7.11, HSU93850, Eukaryotic elongation factor 2 kinase.

**Formulation:**

EEF2K protein solution (0.25 mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MGSMADLI FRLEGVDGGQ SPRAGHDGDS DGSDDEEGY FICPITDDPS  
SNQNVNSKVN KYYSNLTKSE RYSSSGSPAN SFHFKEAWKH AIQKAKHMPD PWAEFHLEDI ATERATRHRY  
NAVTGEWLDD EVLIKMASQP FGRGAMRECF RTKLSNLFH AQQWKGASNY VAKRYIEPVD RDVYFEDVRL  
QMEAKLWGEE YNRHKPPKQV DIMQMCIEL KDRPGKPLFH LEHYIEGKYI KYNSNSGFVR DDNIRLTPQA  
FSHTFFERSG HQLIVVDIQG VGDLYTDPQI HTETGTDFGD GNLGVRGMAL FFYSHACNRI CESMGLAPFD  
LSPRERDAVN QNTKLLQSAK TILRGTEEC GSPRVRLSG SRPPLLRPLS ENSGDENMSD VTFDSLPSPP  
SSATPHSQKL DHLHWPVFS DLDNMSRDHD HLDNHRESEN SGDSGYPSEK RGELDDPEPR EHGHSYSNRK  
YESDEDSLGS SGRVCVEKWN LLNSSRLHLP RASAVALEVQ RLNALDLEKK IGKSILGKVH LAMVRYHEGG  
RFCEKGEEWD QESAVFHLEH AANLGELEAI VGLGLMYSQL PHHILADVSL KETEENKTKG FDYLLKAAEA  
GDRQSMILVA RAFDSGQNLSPDRCDWLEA LHWYNTALEM TDCDEGGEYD GMQDEPRYMM LAREAEMLFT  
GGYGLEKDPQ RSGDLYTQAA EAAMEAMKGR LANQYYQKAE EAWAQMEE.