

32-3161: AES Recombinant Protein

Alternative Name : Amino-terminal enhancer of split,Amino enhancer of split,Gp130-associated protein,GAM,Protein ESP1,Protein GRG,AES,GRG,ESP1,GRG5,TLE5,AES-1,AES-2.

Description

Source : Escherichia Coli. AES 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 217 amino acids (1-197 a.a.) and having a molecular mass of 24.1kDa. The AES is purified by proprietary chromatographic techniques. Amino-terminal enhancer of split (AES) is a member of the groucho/TLE family of proteins. AES can function as a homooligomer or as a heterooligomer with other family members in order to forcefully repress the expression of other family member genes. Furthermore, AES can repress NFkB-regulated gene expression and is believed to have a significant role in initiating and maintaining cell differentiation events. AES is similar in sequence to the amino terminus of Drosophila enhancer of split groucho, a protein which is involved in neurogenesis during embryonic development. The AES protein is expressed predominately in the fetal brain, liver, lung, heart and kidney and also in the adult muscle.

Product Info

Amount : 10 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : The AES solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol.
Storage condition : AES 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 MMFPQSRHSG SSHLPQQLKF TTSDSCDRIK DEFQLLQAQY
 HSLKLECDKL ASEKSEMRH YVMYYEMSYG LNIEMHKQAE IVKRLNGICA QVLPYLSQEH QQQVLGAIER
 AKQVTAPELN SIIRQQLQAH QLSQLQALAL PLTPLVGLQ PPSLPAVSAG TGLLSLSALG SQAHLKEDK
 NGHDGDTHQE DDGEKSD.

