AES, 1-197aa, Human, His tag, E.coli

Cat.NO.: TP01078

3th Edition

Synonyms: Amino-terminal enhancer of split, AES-1, AES-2, ESP1, GRG; GRG5, TLE5.

Description: Amino-terminal enhancer of split, also known AES, belongs to the groucho/TLE family of proteins, can function as a homooligomer or as a heteroologimer with other family members to dominantly repress the expression of other family member genes.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol

Molecular Weight:24.1 kDa (217aa) confirmed by MALDI-TOF

Sequences:
MGSSHHHHHHSSGLVPRGSHMMFPQSRHSGSSHLPQQLKFTTSDSCDRIKDEFQLLQAQYHSLKLECDKLASEK
SEMQRHYVMYYEMSYGLNIEMHKQAEIVKRLNGICAQVLPYLSQEHQQQVLGAIERAKQVTAPELNSIIRQQLQAH
QLSQLQALALPLTPLPVGLQPPSLPAVSAGTGLLSLSALGSQAHLSKEDKNGHDGDTHQEDDGEKSD

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.