

## Amino-Terminal Enhancer of Split Human Recombinant

<b>Item Number</b>	rAP-4034
<b>Synonyms</b>	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.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	Q08117
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MMFPQSRHSG SSHLPQQLKF TTSDSCDRIK DEFQLLQAQY HSLKLECDKL ASEKSEMQRH YVMYYEMSYG LNIEMHKQAE IVKRLNGICA QVLPYLSQEH QQQVL- GAIER AKQVTAPELN SIIRQQLQAH QLSQLQALAL PLTPLPVGLQ PPSLPAVSAG TGLLSLSALG SQAHLKEDK NGHDGDTHQE DDGEKSD.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	The AES solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**