

## Product datasheet for **TP313043L**

### Amino terminal enhancer of split (AES) (NM\_198970) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Homo sapiens amino-terminal enhancer of split (AES), transcript variant 3, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC213043 representing NM\_198970  
**Red**=Cloning site **Green**=Tags(s)

MMFPQSRHSGSSHLPPQLKFTTSDSCDRIKDEFQLLQAQYHSLKLECDKLASEKSEMQRHYVMYYEMSYG  
LNIEMHKQAEIVKRLNGICAQVLPYLSQEHQQQVLGAIERAKQVTAPELNSIIRQLQAHQLSQLQALALP  
LTPLPVGLQPPSLPAVSAGTGLLSLSALGSQAHLKEDKNGHDGDTHQEDDGEKSD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 21.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_945321](#)

**Locus ID:** 166

**UniProt ID:** [Q08117](#), [Q8WY48](#)



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RefSeq Size: 1684

Cytogenetics: 19p13.3

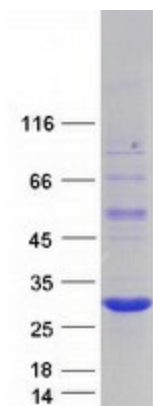
RefSeq ORF: 588

Synonyms: AES; AES-1; AES-2; ESP1; GRG; Grg-5; GRG5

**Summary:** The protein encoded by this gene is similar in sequence to the amino terminus of *Drosophila* enhancer of split groucho, a protein involved in neurogenesis during embryonic development. The encoded protein, which belongs to the groucho/TLE family of proteins, can function as a homooligomer or as a heterooligomer with other family members to dominantly repress the expression of other family member genes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified TLE5 protein (Cat# [TP313043]). The protein was produced from HEK293T cells transfected with TLE5 cDNA clone (Cat# [RC213043]) using MegaTran 2.0 (Cat# [TT210002]).