



Human AES blocking peptide (DAG-P1362)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Specificity	Found predominantly in muscle, heart and Placenta. In fetal tissues, abundantly expressed in the heart, lung, kidney, brain and liver.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the WD repeat Groucho/TLE family.
Format	Liquid
Buffer	Information available upon request.
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	AES amino-terminal enhancer of split [Homo sapiens (human)]
Official Symbol	AES

Synonyms	AES; amino-terminal enhancer of split; GRG; ESP1; GRG5; TLE5; AES-1; AES-2; gp130-associated protein GAM;
Entrez Gene ID	166
mRNA Refseq	NM_001130.5
Protein Refseq	NP_001121.2
UniProt ID	Q08117
Chromosome Location	19p13.3
Pathway	Androgen receptor signaling pathway, organism-specific biosystem; Presenilin action in Notch and Wnt signaling, organism-specific biosystem; Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem;
Function	protein binding; transcription corepressor activity; transcription corepressor activity;