Recombinant Full Length Human AES Protein, GST-tagged

Cat. No. AES-985HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AES full-length ORF (NP_945320.1, 1 a.a. - 264 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	264 amino acids
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 heteroologimer 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]
Molecular Mass	55.5 kDa
AA Sequence	MCHKNGFPQE GGITAAFLQK RKLRLSKNHR PARAKVTEHV RGTRPGRATA GPAASTRAAG SLFFDRWGNR GPAGCRGSSH LPQQLKFTTS DSCDRIKDEF QLLQAQYHSL KLECDKLASE KSEMQRHYVM YYEMSYGLNI EMHKQAEIVK RLNGICAQVL PYLSQEHQQQ VLGAIERAKQ VTAPELNSII RQQLQAHQLS QLQALALPLT PLPVGLQPPS LPAVSAGTGL LSLSALGSQA HLSKEDKNGH DGDTHQEDDG EKSD

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AES amino-terminal enhancer of split [Homo sapiens]
Official Symbol	AES
Synonyms	AES; amino-terminal enhancer of split; GRG5; TLE5; gp130-associated protein GAM; GRG; ESP1; AES-1; AES-2
Gene ID	166
mRNA Refseq	NM_001130
Protein Refseq	NP_001121
MIM	600188
UniProt ID	Q08117

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