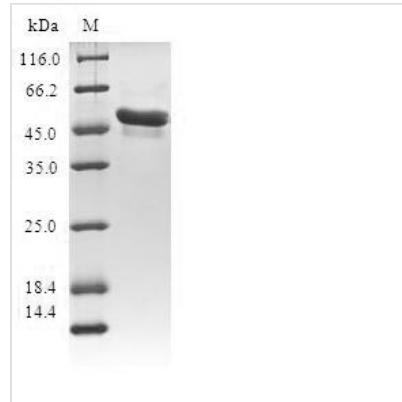




Recombinant Human Amino-terminal enhancer of split (AES)

Product Code	CSB-EP001405HU
Relevance	Transcriptional corepressor. Acts as dominant repressor towards other family members. Inhibits NF-kappa-B-regulated gene expression. May be required for the initiation and maintenance of the differentiated state. Essential for the transcriptional repressor activity of SIX3 during retina and lens development.
Abbreviation	Recombinant Human AES protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q08117
Alias	Gp130-associated protein GAM Grg-5 Groucho-related protein 5 Protein ESP1 Protein GRG
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MCHKNGFPQEGGITA AFLQKRKLRLSKNHRPARAKVTEHVTRGTRPGRATAGP AASTRAAGSLFFDRWGNRGPAGCRGSSHLPPQQLKFTTSDSCDRIKDEFQLLQ AQYHSLKLECDKLASEKSEMQRHYVMYYEMSYGLNIEMHKQAEIVKRLNGICA QVLPYLSQEHQQQVLGAIERAKQVTAPELNSIIRQQQLQAHQLSQLQALALPLTP LPVGLQPPSLPAVSAGTGLLSLSALGSQAHLKEDKNGHDGDTHQEDDGEKS D
Research Area	Stem Cells
Source	E.coli
Target Names	AES
Expression Region	1-264aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	56.1kDa
Protein Length	Full Length of Isoform 2
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.