

## Datasheet for ABIN7317586

### EED Protein (GST tag,His tag)



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#### Overview

Quantity:	100 µg
Target:	EED
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EED protein is labelled with GST tag,His tag.

#### Product Details

Purpose:	Recombinant Human EED/Embryonic Ectoderm Development Protein (His & GST Tag)
Sequence:	Met 1-Arg 441
Characteristics:	A DNA sequence encoding the human EED (075530-1) (Met 1-Arg 441) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Purity:	> 93 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

#### Target Details

Target:	EED
Alternative Name:	EED/Embryonic Ectoderm Development ( <a href="#">EED Products</a> )
Background:	Background: Clusterin, also known as complement-associated protein SP-40, Complement cytolysis inhibitor, Apolipoprotein J, Testosterone-repressed prostate message 2, Aging-associated gene 4 protein, CLU and APOJ, is a secreted protein which belongs to the clusterin

## Target Details

family. Clusterin/Apolipoprotein J/Apo-J is an enigmatic glycoprotein with a nearly ubiquitous tissue distribution and an apparent involvement in biological processes ranging from mammary gland involution to neurodegeneration in Alzheimer's disease. Its major form, a heterodimer, is secreted and present in physiological fluids, but truncated forms targeted to the nucleus have also been identified. Clusterin/Apolipoprotein J/Apo-J is a widely distributed glycoprotein with a wide range of biologic properties. A prominent and defining feature of clusterin is its marked induction in such disease states as glomerulonephritis, cystic renal disease, renal tubular injury, neurodegenerative conditions, atherosclerosis, and myocardial infarction. Upregulation of clusterin mRNA and protein levels detected in diverse disease states and in in vitro systems have led to suggestions that it functions in membrane lipid recycling, in apoptotic cell death, and as a stress-induced secreted chaperone protein, amongst others.

Synonym: HEED, WAIT1

Molecular Weight: 78 kDa

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 2 mM GSH, 10 % gly

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.