

## Recombinant Human DSTN protein, His & GST-tagged

Cat. No. DSTN-1638H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DSTN aa. (Met1~Val165 (Accession # P60981)) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1~Val165
<b>Description</b>	The product of this gene belongs to the actin-binding proteins ADF family. This family of proteins is responsible for enhancing the turnover rate of actin in vivo. This gene encodes the actin depolymerizing protein that severs actin filaments (F-actin) and binds to actin monomers (G-actin). Two transcript variants encoding distinct isoforms have been identified for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 48.5kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.
<b>Isoelectric Point</b>	8.1

## GENE INFORMATION

<b>Gene Name</b>	DSTN destrin, actin depolymerizing factor [ Homo sapiens (human) ]
<b>Official Symbol</b>	DSTN
<b>Synonyms</b>	DSTN; destrin, actin depolymerizing factor; ADF; ACTDP; HEL32; bA462D18.2; destrin; actin-depolymerizing factor; bA462D18.2 (destrin (actin depolymerizing factor ADF) (ACTDP)); epididymis luminal protein 32
<b>Gene ID</b>	11034
<b>mRNA Refseq</b>	NM_001011546.1
<b>Protein Refseq</b>	NP_001011546.1
<b>UniProt ID</b>	P60981

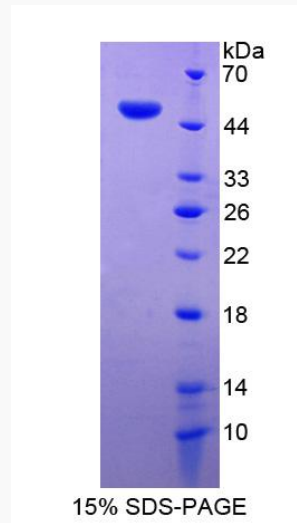
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SDS-PAGE



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