Recombinant Human DSTN protein, His & GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human DSTN aa. (Met1~Val165 (Accession # P60981)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Val165
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

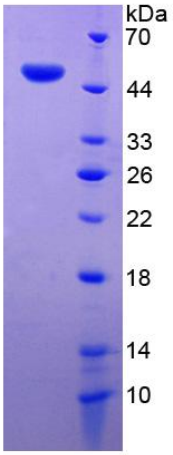
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss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

GENE INFORMATION

Gene Name	DSTN destrin, actin depolymerizing factor [Homo sapiens (human)]
Official Symbol	DSTN
Synonyms	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
Gene ID	11034
mRNA Refseq	NM_001011546.1
Protein Refseq	NP_001011546.1
UniProt ID	P60981

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SDS-PAGE	 15% SDS-PAGE

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