

Recombinant Full Length Human DSTN Protein, GST-tagged

Cat. No. DSTN-4056HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human DSTN full-length ORF (AAH09477.1, 1 a.a. - 165 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	165 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	44.9 kDa
AA Sequence	MASGVQVADEVCRIFYDMKVRKCSTPEEIKKRKKAVIFCLSADKKCIIVEEGKEILVGD VGVTITDPFKHFVGLPEKDCRYALYDASFETKESRKEELMFFLWAPELAPLKSKMI YASSKDAIKKKFQGQIKHECQANGPEDLNRACIAEKLGGSLIVAFEGCPV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
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	DSTN destrin (actin depolymerizing factor) [Homo sapiens]
Official Symbol	DSTN
Synonyms	DSTN; destrin (actin depolymerizing factor); destrin; ACTDP; ADF; actin-depolymerizing factor; bA462D18.2 (destrin (actin depolymerizing factor ADF) (ACTDP)); bA462D18.2;
Gene ID	11034
mRNA Refseq	NM_001011546
Protein Refseq	NP_001011546
MIM	609114
UniProt ID	P60981

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