

Recombinant Human DSTN, His-tagged

Cat. No. DSTN-26582TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-165 of Human Destrin with an N terminal His tag. Predicted MWt: 20 kDa.
Species	Human
Source	E.coli
ProteinLength	1-165 a.a.
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.
Conjugation	HIS
Tissue specificity	Widely distributed in various tissues.
Form	Lyophilised:Reconstitute with 102 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MASGVQVADEVCRIFYDMKVRKCSTPEEIKKRKKAVIFCL SADKKCIIVEEGKEILVG DVGVTITDPFKHFVGMLEPK DCRYALYDASFETKESRKEELMFFLWAPELAPLKSK MI YASSKDAIKKKFQGIKHECQANGPEDLNRACIAEKLGG SLIVAFEGCPV
Sequence Similarities	Belongs to the actin-binding proteins ADF family.Contains 1 ADF-H domain.
Full Length	Full L.
GENE INFORMATION	
Gene Name	DSTN destrin (actin depolymerizing factor) [Homo sapiens]
Official Symbol	DSTN
Synonyms	DSTN; destrin (actin depolymerizing factor); destrin; ACTDP; ADF;
Gene ID	11034
mRNA Refseq	NM_006870
Protein Refseq	NP_006861
MIM	609114
Uniprot ID	P60981
Chromosome Location	20p12.1
Function	actin binding;