DSTN Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	DSTN, Lysate
Full Product Name	Human DSTN Protein Lysate
Product Gene Name	DSTN lysate
Product Synonym Names	DSTN; ACTDP; ADF; bA462D18.2; HEL32
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	19.5 kDa (173aa) confirmed by MALDI-TOF
OMIM	609114
3D Structure	ModBase 3D Structure for P60981
Related Product Information for DSTN lysate	Human DSTN Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of DSTN lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DSTN purchase	MBS8410751 is a lysate targeting DSTN. Also known as Human DSTN Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DSTN. It may not necessarily be applicable to this product.

NCBI GI #	5802966
NCBI GeneID	11034
NCBI Accession #	NP_006861
UniProt Primary Accession #	P60981
UniProt Secondary Accession #	P18282; Q5W166; Q6IAW2; B2R6N2; B4DYA6
UniProt Related Accession #	P60981
GenBank Nucleotide #	NM_006870
NCBI Official Full Name	destrin isoform a
NCBI Official Synonym Full Names	destrin, actin depolymerizing factor
NCBI Official Symbol	DSTN
NCBI Official Synonym Symbols	ADF; ACTDP; HEL32; bA462D18.2
UniProt Protein Name	Destrin
UniProt Synonym Protein Names	Actin-depolymerizing factor

Protein Family	Destrin
UniProt Gene Name	DSTN
UniProt Synonym Gene Names	ACTDP; DSN; ADF
UniProt Entry Name	DEST_HUMAN
NCBI Protein Information	destrin
NCBI Summary for DSTN	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]
Research Articles on DSTN	**1.** analysis of human Cof1, Cof2, and ADF effects on actin filament severing and turnover
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