

Product datasheet for PH303419

Destrin (DSTN) (NM_006870) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DSTN MS Standard C13 and N15-labeled recombinant protein (NP_006861)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203419
Predicted MW:	18.5 kDa
Protein Sequence:	>RC203419 protein sequence Red=Cloning site Green=Tags(s) MASGVQVADEVCRIFYDMKVRKCTPPEIKRKKAVIFCLSADKKCIIVEEGKEILVGDVGVITDPFKH FVGMLPEKDCRYALYDASFETKESRKEELMFFLWAPELAPLKSMMIYASSKDAIKKKFQGIKHECQANGP EDLNRACIAEKLGGSLIVAFEGCPV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006861
RefSeq Size:	1614
RefSeq ORF:	495
Synonyms:	ACTDP; ADF; bA462D18.2; HEL32
Locus ID:	11034
UniProt ID:	P60981 , V9HWA6

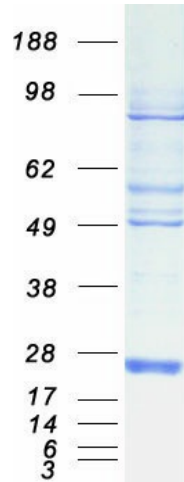


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Cytogenetics: 20p12.1

Summary: 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]

Product images:



Coomassie blue staining of purified DSTN protein (Cat# [TP303419]). The protein was produced from HEK293T cells transfected with DSTN cDNA clone (Cat# [RC203419]) using MegaTran 2.0 (Cat# [TT210002]).