

Product datasheet for **TP303419M**

Destrin (DSTN) (NM_006870) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human destrin (actin depolymerizing factor) (DSTN), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203419 protein sequence Red =Cloning site Green =Tags(s)
	 MASGVQVADEVCRIFYDMKVRKCSTPEEIKKRKKAVIFCLSADKKCIIVEEGKEILVGDVGVTTIDPFKH FVGMLPEKDCRYALYDASFETKESRKEELMFFLWAPELAPLKSMMIYASSKDAIKKKFQGIKHECQANGP EDLNRACIAEKLGGSLIVAFEGCPV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	18.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006861
Locus ID:	11034
UniProt ID:	P60981 , V9HWA6

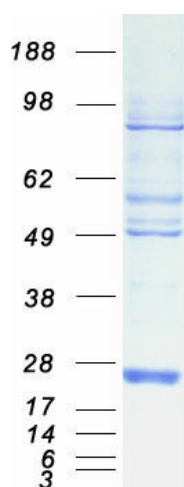


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RefSeq Size:	1614
Cytogenetics:	20p12.1
RefSeq ORF:	495
Synonyms:	ACTDP; ADF; bA462D18.2; HEL32

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]).