

## Destrin Human Recombinant

<b>Item Number</b>	rAP-3805
<b>Synonyms</b>	Destrin (actin depolymerizing factor), ACTDP, ADF, bA462D18.2 (destrin (actin depolymerizing factor ADF) (ACTDP)), destrin, DSN.
<b>Description</b>	DSTN Human Recombinant produced in E. coli is a single polypeptide chain containing 173 amino acids (1-165) and having a molecular mass of 19.5 kDa. DSTN is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P60981
<b>Amino Acid Sequence</b>	MASGVQVADE VCRIFYDMKV RKCSTPEEIK KRKKAVIFCL SADKKCIIVE EGKEILVGDV GVTITDPFKH FVGMLPEKDC RYALYDASFE TKESRKEELM FFLWAPELAP LKSKMIYASS KDAIKKKFQG IKHEC-QANGP EDLNRACIAE KLGGSLIVAF EGCPVLEHHH HHH
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The DSTN solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**