

Destrin Human Recombinant

Item Number	rAP-3805
Synonyms	Destrin (actin depolymerizing factor), ACTDP, ADF, bA462D18.2 (destrin (actin depolymerizing factor ADF) (ACTDP)), destrin, DSN.
Description	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.
Uniprot Accesion Number	P60981
Amino Acid Sequence	MASGVQVADE VCRIFYDMKV RKCSTPEEIK KRKKAVIFCL SADKKCIIIVE EGKEILVGDV GVTITDPFKH FVGMLPEKDC RYALYDASFE TKESRKEELM FFLWAPELAP LSKSMIYASS KDAIKKKFQG IKHEC-QANGP EDLNRACIAE KLGGSLIVAF EGCPVLEHHH HHH
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 end users! This product is sold for **Research Use Only**