

## Product datasheet for **SC127735**

### **Destrin (DSTN) (AK055950) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Destrin (DSTN) (AK055950) Human Untagged Clone
Tag:	Tag Free
Symbol:	Destrin
Synonyms:	HRMT1L1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for AK055950, the custom clone sequence may differ by one or more nucleotides

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TGCTGAGGTTAACAAAGATGTAATAATTCTCTTCACACAGCCTTGACTGTTTTATTGACTGTATTATCA
CAAATCCTGAGCTTAACGAAAGTCTTTATAAGTCAGCTCATGAAAACAGGCACGTGGCCAGTAAGAATTT
AATTTTCATACCAATAAACACTTCAGACTTCGGATGTATTTAAGGCTGTTTGCACATATTTATAGAATGCGT
GGTGTAGATGATGGGACAGCTCCCCCTCAGCAAGACTCTGGCCTAAATGTATTTGCTTTATTACACAAC
AAGAGGATAAGCGTAAACACGGGCACTTTCAGTTTGTGGCACTGAAGGACGATCTACACAGGGCACCCCTG
CAGAGGCCACAACCAAGGCCGCTGGCTTCCCAGTGGGACAGGCCTAAGGGAGGACTTCTGGCCCCTTTG
CTTGATGTTTCATGTTTTATGCCTTGATATTTCTTTTTGGTTGCATTCCCTGGAGCTCATGTAGATCATT
TACTTTTCAGAGGTGCTAGTTCTGGTGCCACACGCACACACAAAAACCATCAACTCTTCTGGATTCTT
TGGTTTTAAAGCTTGCCATACAAAAGTACAGAGACATCTTTTTCAGGAAACATTGCCACCACATGCTTG
AAGGACCGCTTATGGCTACACTTAGACATCTCCAACCAAGGTCTTTCACCTCCTTCTACAACAATGCAC
TTTGTCTGCACTGGGACAAAAATGACAGCCTTTTTTCTTTTCTGTTTTTTTTTTTTTTTGGCGTGGAG
CATTTCCGAACCTTTCACGTCATAAAAAATGCAGCATAGTTAATCAGCAGCTTGCACCTTCTGAGGGACAT
TCACCTCGGGGGAGGAGGAAGGAGGAGGAGCTGGTGGGTGCTGAGACTGCAGTGTCTCCTTCCCAGCAG
CTGGACCCATAGACCAGGCACCAAAATTTTTTGATGAAATATCCTAAGGAAATAATCAAATTTGTACAG
AAATTTATGTTAAAAATGTTTATGGCAGCACCCTTTAAATGGGGAGAAAAATGGAAACAACAGAAATTG
TAGCAATACATATGATCATTAAAAATTATGTTTTAGAAAGATTTTTAACAGTCTTTGGAAAAAGTTGGTG
ACATGTTGCTAGTTTTTAAAAAAGTACAGAGTATGTACAGTATGATTCCAATTTTGTGTTTAAAAATTA
GACATAGTGGTAACCTAGCTTCAGTCCAGATAAGATGGAGAAGGCATACTCCTTTCATGTCTCCCACTG
AATGCAGCTATAAATCCTGGAGAGTAGACAGGGAGAACTATTTGAGGACTCTGGAACAAAGACATAGTA
GCAATCGACTGGTGAAGAAGACAAGAATTTGAAGTACGGTCAAGTATCTGTGGGCTCCACATCTGTAGAT
ACAACCTACATGTATTGAAAATATCAGAAAATAAAAAATAACAATACAACAATAAACATCAATACAATAA
CACACCAATACAGTATAGCAGCTACTTACATAAACAATGACATTGTATTAGGTAGAAGTAATCTAGAGATG
ATTTAAAGTCTGTGCGGAGGACGTGTGTAGCCTGTATGTAAAAACCAAGTTATTTTATATGGGGGACTTTA
GCATCCAAGGATTTGAATATCCACGGGGTCTGGAACAAGTCCCCATAGACACCAAGAAACAACCTGTA
TTCCTGAAACAGTCTTGAGTTATCATTTCCTTTCTCCCTCTATGTATGTACATAGAGTGTACATACA
TAGAGTGAGAAGCAAAGAAGTCCATGAAATGGACCAATCTTTTGGAAACTGCAAATTACCACAGTTCA
TCTAACATGAAATAGATAACCTGAATGGTCCAATAACTAGTAAAGATATTGAATTAATAGTTTAAAAACC
TTCTGAAAGGTAATCTCTACCCTAAATGATTTCACTGGTGAATTCTATCAACACATTTAATGAAGAAAA
AACTCCAGTTCTAAACAACCTTTCAGAAAAGAAGAGGGAACACTTCCCTCACTCATTATATGAGGTAAGCAT
TGCCCTAATACCAAAACCAATGTTAACACAAAATATGAAACCTACAGACCAATAACCCTCATGAACATAA
ATGTA AAAATCCTCAAGAAAACATTAGCAAATTTAAACCAGCAGGATATAAAAAGGAATAATAATACACCA
TAAC
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for AK055950 unedited TAGGCGGCCCGCAATTCGCACGAGGCTTACTGTTGTTAGTGTATTTCGTGCTGTCAATAT GTGATGAGGACATATTATATCCGTTATTCTCTTTAGCTCAAGGAAGAATAAAGAATTTG GACCAAAATTACAACCACATTATGACGAATTTTCTAAGCAAAAGAAACAAAGTAACTGCT GAGGTTAACAAAGATGTAATAATTCTCTCACACAGCCTTGACTGTTTTATTGACTGTA TTATCACAAATCCTGAGCTTAACGAAAGCTTTATAAGTCAGCTCATGAAAACAGGCACG TGGCCAGTAAGAATTTAATTTTCATACCAATAACACTTCAGACTTCGGATGTATTTAAGGC TGTTTGACATATTTATAGAATGCGTGGTGTAGATGATGGGACAGCTCCCCTCAGCAAG ACTCTGGCCTAAATGTATTTGCTTTATTTACACAACAAGAGGATAAGCGTAAACACGGGC ACTTTCAGTTTGTGGCACTGAAGGACGATCTACACAGGGCACCCCTGCAGAGGCCACAACC AAGGCCGCTGGCTTCCAGTGGGACAGGCCTAAGGGAGGACTTCTGGCCCTTTGCTTG ATGTTTCATGTTTTATGCCTTGATATTTCTTTTGGTTGCATTCCCTGGAGCTCATGTAGA TCATTTTACTTTTCAGAGGTGCTAGTTCTGGTGCCACACGCACACACAAAACCATCA ACTCTTCTGGATTCCCTTGNTTNTAAAAGCTGCCTCATACAAAGTACAGAGACATCTTTT TCAGGAAACATTGCCACCACATGCTTGAAGGACCGCTTATGGCTACACTTAGACATCTC ACCCAGGTCTCTCACCTTCTTCTAN
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AK055950
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>RefSeq:</b>	<a href="#">AK055950.1</a>
<b>RefSeq Size:</b>	2174 bp
<b>RefSeq ORF:</b>	2174 bp
<b>Locus ID:</b>	11034
<b>Cytogenetics:</b>	20p12.1
<b>Gene Summary:</b>	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]