

Product datasheet for **SC204765**

BYSL (NM_004053) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BYSL (NM_004053) Human 3' UTR Clone
Symbol:	BYSL
Synonyms:	BYSTIN; Enp1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004053
Insert Size:	370 bp
Insert Sequence:	>SC204765 3'UTR clone of NM_004053 The sequence shown below is from the reference sequence of NM_004053. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGAAGATGTTCCCATCACCGTGGAGTGAGGAAAACAGTCAGCTGTCCTGGCCAAAGGGTTTGAAG
GACACCAAGACCCCGTTGGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG
AGTGACAGATCACAGGGACATCTGTGGTCCCAGTCCAGGACAGGAAGGACTGAGGGTCTGGCTGGTTC
CCTCTTCCATTCTAGGCCCTTATCCCTGTTTAGTTCTGAGAGCCAACCTTGAGATACCATATGCTAGCAT
TCCCAGTCCCAGCTGGGGCTTGGTGTGAGTACTTTTTCTATGGCTATTGTGCAGGTCAGTGTGGATA
AAGGCAAAGACAGATATTTATTGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



RefSeq: [NM_004053.4](#)

Summary: Bystin is expressed as a 2-kb major transcript and a 3.6-kb minor transcript in SNG-M cells and in human trophoblastic teratocarcinoma HT-H cells. Protein binding assays determined that bystin binds directly to trophinin and tastin, and that binding is enhanced when cytokeratins 8 and 18 are present. Immunocytochemistry of HT-H cells showed that bystin colocalizes with trophinin, tastin, and the cytokeratins, suggesting that these molecules form a complex in trophoblast cells at the time of implantation. Using immunohistochemistry it was determined that trophinin and bystin are found in the placenta from the sixth week of pregnancy. Both proteins were localized in the cytoplasm of the syncytiotrophoblast in the chorionic villi and in endometrial decidual cells at the uteroplacental interface. After week 10, the levels of trophinin, tastin, and bystin decreased and then disappeared from placental villi. [provided by RefSeq, Jul 2008]

Locus ID: 705

MW: 13.8