

Recombinant Full Length Human BNC1 Protein, GST-tagged

Cat. No. BNC1-3754HF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human BNC1 full-length ORF (AAI11599.1, 1 a.a. - 994 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 994 amino acids |
| Description | The protein encoded by this gene is a zinc finger protein present in the basal cell layer of the epidermis and in hair follicles. It is also found in abundance in the germ cells of testis and ovary. This protein is thought to play a regulatory role in keratinocyte proliferation and it may also be a regulator for rRNA transcription. This gene seems to have multiple alternatively spliced transcript variants, but their full-length nature is not known yet. There seems to be evidence of multiple polyadenylation sites for this gene. |
| Form | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Molecular Mass | 136.29 kDa |
| AA Sequence | MRRRPPSRGGRGAARARETRRQPRHRSGRRMAEAI SCTLNCSCQSFKPGKINHRQ CDQCKHGWVAHALSKLRIPPMYPTSQVEIVQSNVVF DISSLMLYGTQAIPVRLKILLD RLFSVLKQDEVLQILHALDWTLQDYIRGYVLQDASGKVL D HWSIMTSEEEVATLQQF LRFGETKSIVELMAIQEKEEQSIIIPPSTANVDIRAFIESCSHRSSSLPTPVDKGNPSSI |

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HPFENLISNMTFMLPFQFFNPLPPALIGSLPEQYMLEQGHQSDQDPKQEVHGPFDP
 SSFLTSSSTPFQVEKDQCLNCPDAITKKEDSTHLSDDSSYNIVTKFERTQLSPEAKVK
 PERNSLGTKKGRVFCTACEKTFYDKGTLKIHYNVHLKIKHKCTIEGCNMVFSSLRS
 RNRHSANPNPRLHMPMNRNRDKDLRNSLNLASSENKCPGFTVTSPDCRPPPSY
 PGSGEDSKGQPAFPNIGQNGVLFPNLKTVQPVLFPYRSPATPAEVANTPGILPSLPL
 LSSSIPEQLISNEMPFDALPKKSRKSSMPIKIEKEAVEIANEKRHNLSSEDEDMPLQVV
 SEDEQEACSPQSHRVSEEQHVQSGGLGKPFPEGERPCHRESVIESSGAISQTPEQ
 ATHNSERETEQTPALIMVPREVEDGGHEHYFTPGMEPQVPFSDYMELOQRLLAGG
 LFSALSNRGMAFPCLEDSKELEHVGQHALARQIEENRFQCDICKKTFKNACSVKIH
 KNMHVKEMHTCTVEGCNATFPSRRSRDRHSSNLNLHQKALSQEALESSEDFRAA
 YLLKDVAKEAYQDVAFTQQASQTSVIFKGTSRMGSLVYPITQVHSASLESYNSGPLS
 EGTILDSTTSSMKSESSSHSSWSDGVSSEGTVMEDSDGNCEGSSLVPGEDEY
 PICVLMEKADQSLASLPSGLPITCHLCQKTYSNKGTFRAYKTVHLRQLHKCKVPGC
 NTFSSVRSRNRHSQNPNLHKSCLASSPSHLQ

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| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

GENE INFORMATION

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| Gene Name | BNC1 basonuclin 1 [Homo sapiens] |
| Official Symbol | BNC1 |
| Synonyms | BNC1; basonuclin 1; basonuclin , BNC; zinc finger protein basonuclin-1; HsT19447; zinc finger protein basonuclin; BNC; BSN1; |
| Gene ID | 646 |



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|----------------|-----------|
| mRNA Refseq | NM_001717 |
| Protein Refseq | NP_001708 |
| MIM | 601930 |
| UniProt ID | Q01954 |

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