

Recombinant Human BNC1 Protein, GST-tagged

Cat. No. BNC1-291H **Lot. No.** (See product label)

SPECIFICATION

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	Wheat Germ
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	MRRRPPSRGGRGAARARETRRQPRHRSGRRMAEAISCTLNCSCQSFKPGKINHRQ CDQCKHGWVAHALSKLRIPPMYPTSQVEIVQSNVVFDISSLMLYGTQAIPVRLKILLD RLFSVLKQDEVLQILHALDWTLDYIRGYVLQDASGKVLHDHWSIMTSEEEVATLQQF LRFGETKSIVELMAIQEKEEQSIIPPSTANVDIRAFIESCSHRSSSLPTPVDKGNPSSI HPFENLISNMTFMLPFQFFNPLPPALIGSLPEQYMLEQGHDSQDPKQEVHGPFPD SSFLTSSSTPFQVEKDQCLNCPDAITKKEDSTHLSDSSSYNIVTKFERTQLSPEAKVK

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PERNSLGTTKGRVFCTACEKTFYDKGTLKIHYNVHLKIKHKCTIEGCNMVFSSLRS
 RNRHSANPNPRLHMPMNRNRDKDLRNSLNLASSENKCPGFTVTSPDCRPPPSY
 PGSGEDSKGQPAFPNIGQNGVLFPNLKTVQPVLFPYRSPATPAEVANTPGILPSLPL
 LSSSIPEQLISNEMPFDALPKKKSRSKSSMPIKIEKEAVEIANEKRHNLSSEDMPLQVV
 SEDEQEACSPQSHRVSEEQHVQSGGLGKPFPEGERPCHRESVIESSGAISQTPEQ
 ATHNSERETEQTALIMVPREVEDGGHEHYFTPGMEPQVPFSDYMELQQRLLAGG
 LFSALSNRGMAFPCLDSKELEHVGQHALARQIEENRFQCDICKKTFKNACSVKIH
 KNMHVKEMHTCTVEGCNATFPSRRSRDRHSSNLNLHQKALSQEALLESSEDFRAA
 YLLKDVAKEAYQDVAFTQQASQTSVIFKGTSRMGSLVYPITQVHSASLESYNSGPLS
 EGTILDLTSSMKSESSSHSSWSDGVSEEGTVLMEDSDGNCEGSSLVPGEDEY
 PICVLMEKADQSLASLPSGLPITCHLCQKTYSNKGTFRAYKTVHLRQLHKCKVPGC
 NTFSSVRSRNRHSQNPNLHKSLASSPSHLQ

Quality Control Test	12.5% SDS-PAGE Stained with Coomassie Blue.
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

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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