

Recombinant Full Length Human BOLL Protein, GST-tagged

Cat. No. BOLL-3767HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BOLL full-length ORF (BAB71664.1, 1 a.a. - 283 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	283 amino acids
Description	This gene belongs to the DAZ gene family required for germ cell development. It encodes an RNA-binding protein which is more similar to Drosophila Boule than to human proteins encoded by genes DAZ (deleted in azoospermia) or DAZL (deleted in azoospermia-like). Loss of this gene function results in the absence of sperm in semen (azoospermia). Histological studies demonstrated that the primary defect is at the meiotic G2/M transition. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	57.7 kDa
AA Sequence	MQTDSLSPSPNPVSPVPLNNPTSAPRYGTVIPNRIFVGGIDFKTNESDLRKFFSQYG SVKEVKIVNDRAGVSKGYGFVTFETQEDAQKILQEAELNYKDKKLNIGPAIRKQQV GIPRSSIMPAAGTMYLTTSTGYPTYHNGVAYFHTPEVTSVPPPWPSRVCSSPVM VAQPIYQQPAYHYQATTQYLPQWQWSVPQPSASSAPFLYLQPSEVIYQPVEIAQD

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GGCVPPPLSLMETSVPEPYSDHGVQATYHQVYAPSAITMPAPVMQPEPIKTVWSIH
Y

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	BOLL bol, boule-like (Drosophila) [Homo sapiens]
Official Symbol	BOLL
Synonyms	BOLL; bol, boule-like (Drosophila); bol (Drosophila boule homolog) like; protein boule-like; BOULE;
Gene ID	66037
mRNA Refseq	NM_033030
Protein Refseq	NP_149019
MIM	606165
UniProt ID	Q8N9W6

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