

Recombinant Human BOLL, GST-tagged

Cat. No. BOLL-10269H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BOLL protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-283a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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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
Chromosome Location	2q33
Function	RNA binding; nucleotide binding; protein binding; translation activator activity;

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