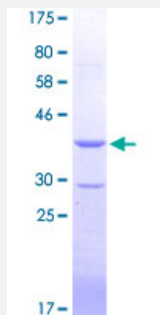


BOLL (Human) Recombinant Protein (Q03)

Catalog # H00066037-Q03

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BOLL partial ORF (NP_149019.1, 80 a.a. - 176 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	FETQEDAQKILQEAEKLNKDKKLNIGPAIRKQQVGIPRSSIMPAAGTMYLTTSTGYPYTHNGVAYFHTPEVTSVPPPWPSPRSVCSSPVMVAQPIY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.3
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BOLL

Entrez GeneID [66037](#)

GeneBank Accession# [NM_033030.5](#)

Protein Accession# [NP_149019.1](#)

Gene Name BOLL

Gene Alias -

Gene Description bol, boule-like (Drosophila)

Omim ID [606165](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations boule

Disease

- [Azoospermia](#)
- [Infertility](#)
- [Oligospermia](#)