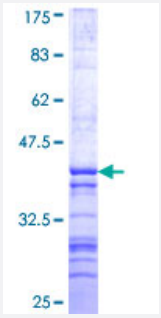
BOLL (Human) Recombinant Protein (Q01)

Catalog # H00066037-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BOLL partial ORF (NP_149019, 185 a.a. - 283 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ATTQYLPGQWQWSVPQPSASSAPFLYLQPSEVIYQPVEIAQDGGCVPPPLSLMETSVPEPYSDH GVQATYHQVYAPSAITMPAPVMQPEPIKTVWSIHY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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
Protein Accession#	NP_149019
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 ge nes DAZ (deleted in azoospermia) or DAZL (deleted in azoospermia-like). Loss of this gene funct ion results in the absence of sperm in semen (azoospermia). Histological studies demonstrated t hat the primary defect is at the meiotic G2/M transition. Two alternatively spliced transcript variant s encoding distinct isoforms have been found for this gene. [provided by RefSeq
Other Designations	boule

Disease

- Azoospermia
- Infertility
- Oligospermia