

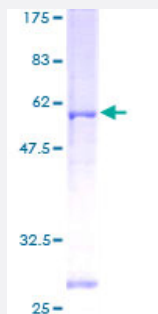
Full-Length

ZBPB (Human) Recombinant Protein (P01)

Catalog # H00011055-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human ZBPB full-length ORF (AAH05223, 45 a.a. - 351 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

HLVRLPRAFRLTKDSVKIVGSTSFPVKAYVMLHQKSPHVL CVTQQLRNAELIDPSFQWYGPKGKV
VSVENRTAQITSTGSLVFQNFEEESMSGMYTCFLEYKPTVEEIVKRLQLKYAIAYREPHYYYQFTARY
HAAPCNSYNISFEKKLLQLSKLLLDLSCEISLLKSECHRVKMQRAGLQNELFFAFSVSSLDTEKG
PKRCTDHNCEPYKRLFKAKNLIERFFNQQVEILGRRAEQLPQIYYIEGTLQMVWINRCFPGYGMNV
QQHPKCPECCVICSPGSYNPRDGIHCLQCNSSLVYGAKTCL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

59.51

Interspecies Antigen Sequence

Mouse (82); Rat (82)

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 — ZPBP

Entrez GeneID[11055](#)**GeneBank Accession#**[BC005223](#)**Protein Accession#**[AAH05223](#)**Gene Name**

ZPBP

Gene Alias

SP38, ZPBP1

Gene Description

zona pellucida binding protein

Gene Ontology[Hyperlink](#)**Gene Summary**

ZPBP is one of several proteins that are thought to participate in secondary binding between acro some-reacted sperm and the egg-specific extracellular matrix, the zona pellucida (McLeskey et al ., 1998 [PubMed 9378618]).[supplied by OMIM

Other Designations

OTTHUMP00000025146