

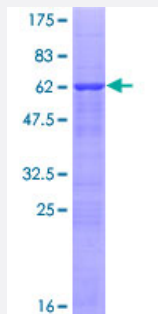
Full-Length

ABT1 (Human) Recombinant Protein (P02)

Catalog # H00029777-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ABT1 full-length ORF (NP_037507.1, 1 a.a. - 272 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEAESEKAATEQEPLGTEQTLDAEEEQEESSEAAACGSKKRVVPGIVYLGHIPPRFRPLHVRNL
LSAYGEVGRVFFQAEDRFVRRKKKAAAAAGGKKRSYTKDYTEGWVEFRDKRIAKRVAASLHNT
MGARRRSPFRYDLWNLKYLHRTWSHLSEHLAFERQVRRQLRAEVAQAKRETDFYLSVERG
QRFLAADGDPARPDGWSWTFARPTQEELRARKAARPGGRERARLATAQDKARSNKGLLARIFG
APPPSESMEGPSLVRDS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.5

Interspecies Antigen Sequence

Mouse (87); Rat (86)

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 — ABT1

Entrez GeneID[29777](#)**GeneBank Accession#**[NM_013375.2](#)**Protein Accession#**[NP_037507.1](#)**Gene Name**

ABT1

Gene Alias

hABT1

Gene Description

activator of basal transcription 1

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

Basal transcription of genes by RNA polymerase II requires the interaction of TATA-binding protein (TBP) with the core region of class II promoters. Studies in mouse suggest that the protein encoded by this gene likely activates basal transcription from class II promoters by interaction with TBP and the class II promoter DNA. [provided by RefSeq]

Other Designations

OTTHUMP00000017935|TATA-binding protein-binding protein|basal transcriptional activator