

Full-Length

PTBP2 (Human) Recombinant Protein (P01)

Catalog # H00058155-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PTBP2 full-length ORF (AAH16582, 1 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDGMTEVAVGVKRGSDLLSGSVLSSPNSNMSSMVVTANGNDSKKFKGEDKMDGAPSRVLHI
RKLPGEVTETEVIALGLPFGKVTNMLKGKNQAFLELATEEAAITMVNYSAVTPHLRNQPIQYSN
HKELKTDNTLNQRAQAVLQAVTAVQTANTPLSGTTVSESAVTPAQSPVLRRIIDNMYYPVTL DVLHQI
FSKFGAVLKIITFTKNNQFQALLQYGDPVNAQQAKLALDGGQNYNACCTLRIDFSKLVNLNVKYNND
KSRDYTRPDLPSGDGQPALDPAIAAAFAKETSL LAVPGALSPLAIPNAAAAAAAAAAGRVGMPG
VSAGGNTVLLVSNLNEEMVTPQSLFTLFGVYGDVQVRVKILYNKKDSALIQMADGNQSQLAMNHLN
GQKMYGKIIRVTL SKHQTVQLPREGLDDQGLTKDFGNSPLHRFKKPGSKNFQNIFFPSATLHLSNI
PPSVAEEDLRTL FANTGGTVKAFKFFQRDHK MALLQMATVEEAIQALIDLHNYNLGENHHLRVSFS
KSTI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

84.26

Interspecies Antigen Sequence

Mouse (99); Rat (99)

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 — PTBP2

Entrez GeneID	58155
GeneBank Accession#	BC016582
Protein Accession#	AAH16582
Gene Name	PTBP2
Gene Alias	FLJ34897, PTB, PTBLP, brPTB, nPTB, nPTB5, nPTB6, nPTB7, nPTB8
Gene Description	polypyrimidine tract binding protein 2
Omim ID	608449
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene binds to the intronic cluster of RNA regulatory elements, downstream control sequence (DCS). It is implicated in controlling the assembly of other splicing-regulatory proteins. This protein is very similar to the polypyrimidine tract binding protein but it is expressed primarily in the brain. [provided by RefSeq]
Other Designations	OTTHUMP00000012411 PTB-like neural polypyrimidine tract binding protein splicing regulator

Disease

- [Tobacco Use Disorder](#)