

Datasheet for ABIN7551056
PTBP2 Protein (AA 1-531) (His tag)



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Overview

Quantity:	1 mg
Target:	PTBP2
Protein Characteristics:	AA 1-531
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTBP2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PTBP2 Protein expressed in mammalian cells.
Sequence:	<p>MDGIVTEVAV GVKRGSDELL SGSVLSSPNS NMSSMVVTAN GNDSKKFKGE DKMDGAPSRV</p> <p>LHIRKLPGEV TETEVIALGL PFGKVTNILM LKGKNQAFLE LATEEAAITM VNYYSAVTPH</p> <p>LRNQPIYIQY SNHKELKTDN TLNQRAQAVL QAVTAVQTAN TPLSGTTVSE SAVTPAQSPV</p> <p>LRIIIDNMYYPVTLDVLHQI FSKFGAVLKI ITFTKNNQFQ ALLQYGDPVN AQQAKLALDG</p> <p>QNIYNACCTL RIDFSKLVNL NVKYNNDKSR DYTRPDLPDG DGQPALDPAI AAFAKETSL</p> <p>LAVPGALSPL AIPNAAAAA AAAAGRVGMP GVSAGGNTVL LVSNLNEEMV TPQSLFTLFG</p> <p>VYGDVQRVKI LYNKKDSALI QMADGNQSQL AMNHLNGQKM YGKIIRVTLK KHQTVQLPRE</p> <p>GLDDQGLTKD FGNSPLHHRFK KPGSKNFQNI FPPSATLHLS NIPPSVAEED LRTLFANTGG</p> <p>TVKAFKFFQD HKMALLQMAT VEEAIQALID LHNYNLGENH HLRVSFSKST Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a</p>

special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PTBP2

Alternative Name:

PTBP2 ([PTBP2 Products](#))

Background:

Polypyrimidine tract-binding protein 2 (Neural polypyrimidine tract-binding protein) (Neurally-enriched homolog of PTB) (PTB-like protein), FUNCTION: RNA-binding protein which binds to intronic polypyrimidine tracts and mediates negative regulation of exons splicing. May antagonize in a tissue-specific manner the ability of NOVA1 to activate exon selection. In addition to its function in pre-mRNA splicing, plays also a role in the regulation of translation. {ECO:0000250|UniProtKB:Q91Z31, ECO:0000269|PubMed:11003644, ECO:0000269|PubMed:12667457}., FUNCTION: [Isoform 5]: Reduced affinity for RNA. {ECO:0000269|PubMed:12213192}.

Molecular Weight:

57.5 kDa

UniProt:

[Q9UKA9](#)

Pathways:

[Ribonucleoprotein Complex Subunit Organization](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months