



Recombinant Human Polypyrimidine tract-binding protein 1 (PTBP1)

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| Product Code | CSB-MP018948HU |
| Relevance | Plays a role in pre-mRNA splicing and in the regulation of alternative splicing events. Activates exon skipping of its own pre-mRNA during muscle cell differentiation. Binds to the polypyrimidine tract of introns. May promote RNA looping when bound to two separate polypyrimidine tracts in the same pre-mRNA. May promote the binding of U2 snRNP to pre-mRNA. Cooperates with RAVER1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA. Represses the splicing of MAPT/Tau exon 10. |
| Abbreviation | Recombinant Human PTBP1 protein |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | P26599-3 |
| Product Type | Recombinant Proteins |
| Immunogen Species | Homo sapiens (Human) |
| Purity | Greater than 85% as determined by SDS-PAGE. |
| Sequence | MDGIVPDIAVGTKRGSDELFCSTCVTNGPFIMSSNSASAANGNDSKKFKGDSRS AGVPSRVIIHIRKLPIDVTEGEVISLGLPFGKVTNLLMLKGKNQAFIEMNTEEAAN TMVNYYSVTPVLRGQPIYIQFSNHKELKTDSSPNQARAQAALQAVNSVQSGN LALAASAAVDAGMAMAGQSPVLRIVENLFYPTLDVLDVHQIFSKFGTVLKIITFT KNNQFQALLQYADPVSAQHAKLSLDGQNIYNACCTLRIDFSKLTSLNVKYNNND KSRDYTRPDLPSGDSQPSLDQTMAAAFGAPGIISASPYAGAGFPPTFAIPQAA GLSVPNVHGALAPLAIPSAAAAAAAAAAGRIAIPGLAGAGNSVLLVSNLNPVTP QSLFILFGVYGDVQRVKILFNKKENALVQMADGNQAQLAMSHLNGHKLHGKPI RITLSKHQNVQLPREGQEDQGLTKDYGNSPLHRFKKPGSKNFQNIFFPSATLH LSNIPPSVSEEDLKVLFSSNGGVVKGKFFQKDRKMALIQMGSVEEAVQALIDL HNHDLGENHHLRVFSKSTI |
| Research Area | Epigenetics and Nuclear Signaling |
| Source | Mammalian cell |
| Target Names | PTBP1 |
| Protein Names | PTB;57KDA RNA-binding protein PPTB-1;Heterogeneous nuclear ribonucleoprotein I;hnRNP I |
| Expression Region | 1-557aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

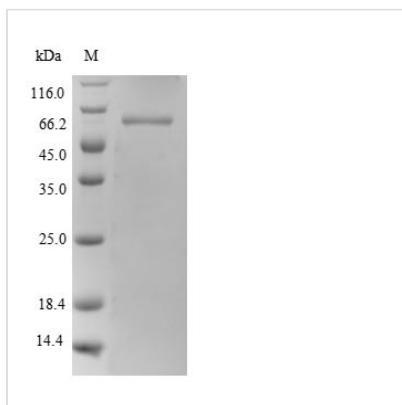


Tag Info N-terminal 10xHis-tagged

Mol. Weight 63.1 kDa

Protein Length Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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