

Product datasheet for TP323943

PQBP1 (NM_005710) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human polyglutamine binding protein 1 (PQBP1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223943 protein sequence Red=Cloning site Green=Tags(s)

MPLPVALQTRLAKRGILKHLEPEPEEEIIAEDYDDDDPVDYEATRLEGLPPSWYKVFDPSCGLPYYWNADT
DLVSWLSPHDPNSVTKSAKKLRSSNADAEKLRSHDKSDRGHDKSDRSHEKLRGHDKSDRGHDKSDR
DRERGYDKVDREERDRERDRDRGYDKADREEGKERRHHRREELAPYKSKKAVSRKDEELDPMDPSSYS
DAPRGTWSTGLPKRNEAKTGADTTAAGPLFQQRYPYSPGAVLRANA EASRTKQQD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

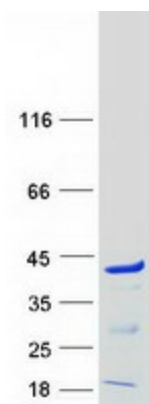
Tag:	C-Myc/DDK
Predicted MW:	30.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_005701</u>
Locus ID:	10084



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UniProt ID:	Q60828 , A0A0S2Z4V5
RefSeq Size:	1147
Cytogenetics:	Xp11.23
RefSeq ORF:	795
Synonyms:	MRX2; MRX55; MRXS3; MRXS8; NPW38; RENS1; SHS
Summary:	This gene encodes a nuclear polyglutamine-binding protein that is involved with transcription activation. The encoded protein contains a WW domain. Mutations in this gene have been found in patients with Renpenning syndrome 1 and other syndromes with X-linked cognitive disability. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.[provided by RefSeq, Nov 2009]
Protein Families:	Transcription Factors
Protein Pathways:	Spliceosome

Product images:



Coomassie blue staining of purified PQBP1 protein (Cat# TP323943). The protein was produced from HEK293T cells transfected with PQBP1 cDNA clone (Cat# [RC223943]) using MegaTran 2.0 (Cat# [TT210002]).