Recombinant Human PQBP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PQBP1-2981H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PQBP1 MS Standard C13 and N15-labeled recombinant protein (NP_001027554) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	30.5 kDa
AA Sequence	MPLPVALQTRLAKRGILKHLEPEPEEEIIAEDYDDDPVDYEATRLEGLPPSWYKVFDP SCGLPYYWNADTDLVSWLSPHDPNSVVTKSAKKLRSSNADAEEKLDRSHDKSDRG HDKSDRSHEKLDRGHDKSDRGHDKSDRDRERGYDKVDRERERDRERDRDRGYD KADREEGKERRHHRREELAPYPKSKKAVSRKDEELDPMDPSSYSDAPRGTWSTGL PKRNEAKTGADTTAAGPLFQQRPYPSPGAVLRANAEASRTKQQDTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

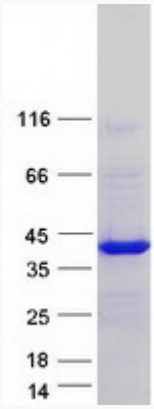
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PQBP1 polyglutamine binding protein 1 [Homo sapiens (human)]
Official Symbol	PQBP1
Synonyms	PQBP1; polyglutamine binding protein 1; mental retardation, X linked 55, MRX55, MRXS8, RENS1, SHS, Sutherland Haan X linked mental retardation syndrome; polyglutamine-binding protein 1; polyglutamine tract-binding protein 1; nuclear protein containing WW domain 38 kD; 38 kDa nuclear protein containing a WW domain; SHS; MRX55; MRXS3; MRXS8; NPW38; RENS1;
Gene ID	10084
mRNA Refseq	NM_001032382
Protein Refseq	NP_001027554
MIM	300463
UniProt ID	O60828

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SDS-PAGE	

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