

Product datasheet for PH324043

PQBP1 (NM_001032383) Human Mass Spec Standard

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | PQBP1 MS Standard C13 and N15-labeled recombinant protein (NP_001027555) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC224043 |
| Predicted MW: | 30.5 kDa |
| Protein Sequence: | >RC224043 protein sequence Red=Cloning site Green=Tags(s) |
| | MPLPVALQTRLAKRGILKHLEPEPEEEIIAEDYDDDPVDYEATRLEGLPPSWYKVFDPSCGLPPYYWNADT DLVSWLSPHPNSVVTSAKCLRSSNADAEKLDKSHDKSDRGHDKSDRSHEKLDRGHDKSDRGHDKSDR DRERGYDKVDRERERDRERDRDRGYDKADREEGKERRHRRREELAPYPKSKKAVSRKDEELDPMDPSSYS DAPRGTWSTGLPKRNEAKTGADTTAAGPLFQQRYPYSPGAVLRANAEASRTKQQD |
| | TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | NP_001027555 |
| RefSeq Size: | 1093 |
| RefSeq ORF: | 795 |
| Synonyms: | MRX2; MRX55; MRXS3; MRXS8; NPW38; RENS1; SHS |
| Locus ID: | 10084 |
| UniProt ID: | O60828 , A0A0S2Z4V5 |



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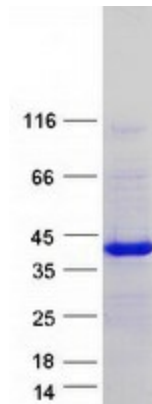
Cytogenetics: Xp11.23

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# [TP324043]). The protein was produced from HEK293T cells transfected with PQBP1 cDNA clone (Cat# [RC224043]) using MegaTran 2.0 (Cat# [TT210002]).