

AR50364PU-S**Human PQBP1 (1-265, His-tag) - Purified**

Alternate names:	38 kDa nuclear protein containing a WW domain, NPW38, PQBP-1, Polyglutamine tract-binding protein 1, Polyglutamine-binding protein 1
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	Polyglutamine binding protein 1, also known as PQBP1, is a transcription repressor that associates with polyglutamine tract-containing transcription regulators and causative genes for neurodegenerative disorders. PQBP-1 localizes to the nucleus and is present in neurons throughout the brain, with abundant levels in hippocampus, cerebellar cortex and olfactory bulb. PQBP-1 contains a WWP/WW domain that binds proline-rich motifs and a C2 domain that can influence Ca ²⁺ -dependent phospholipid signaling.
Uniprot ID:	O60828
NCBI:	NP_005701.1
GeneID:	10084
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT
Description:	Recombinant human PQBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SGLVPRGSH MSHMPLPVA LQTRLAKRGI LKHLEPEPEE EIIAEDYDDD PVDYEATRLE GLPPSWYKVF DPSCGLPYW NADTDLVSWL SPHPNSVVT KSAKLRSSN ADAEKLDERS HDKSDRGHDK SDRSHEKLDL GHDKSDRGHD KSDRDRERGY DKVDRERERD RERDRDRGYD KADREEGKER RHRREELAP YPKSKKAVSR KDEELDFMMP SSSYDAPRGT WSTGLPKRNE AKTGADTTAA GPLFQQRYPY SPGAVLRANA EASRTKQOD Molecular weight: 33 kDa (289aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Waragai M., et al. (1999) Hum Mol Genet. 8:977-987. Waragai M C., et al. (2000) Biochem Biophys Res. 273: 592-595.

Pictures:

