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PQBP1 Human

Polyglutamine Binding Protein 1 Human Recombinant
RCP1699

Product Overview

Name	PQBP1 Human
Description	
Polyglutamine Binding Protein 1 Human Recombinant	
Accession (Primary)	O60828
Synonyms	
Golyglutamine binding protein 1, Polyglutamine tract-binding protein 1, 38kDa nuclear protein containing a WW domain, mental retardation X-linked 55, Sutherland-Haan X-linked mental retardation syndrome, Npw38, MRXS3, MRX55, MRXS8, RENS1, SHS.	
Introduction	
PQBP1 is a transcription repressor which is connected to polyglutamine tract-containing transcription regulators and connective genes for neurodegenerative disorders. PQBP1 is restricts to the nucleus and can be found in neurons all over the brain, with high levels in hippocampus, olfactory bulb and cerebellar cortex. PQBP1 holds a WWP/WW domain that binds proline-rich motifs and a C2 domain which is able to stimulate Ca2+-dependent phospholipid signaling.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The PQBP1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 100mM NaCl and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MPLPVA LQTRLAKRGI LKHLEPEPEE EIIAEDYDDD PVDYEATRLE GLPPSWYKVF DPSCGLPYYW NADTDLVSWL SPHDPNSVVT KSAKKLRSSN ADAEEKLDRS HDKSDRGHDK	

SDRSHEKLDR GHDKSDRGHD KSDRDRERGY DKVDRERERD RERDRDRGYD KADREEGKER RHHRREELAP YPKSKKAVSR KDEELDPMDP SSYSDAPRGT WSTGLPKRNE AKTGADTTAA GPLFQQRPYP SPGAVLRANA EASRTKQQD

Precautions

PQBP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O60828)