

Polyglutamine Binding Protein 1 Human Recombinant

Item Number	rAP-3793
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.
Description	PQBP1 Human Recombinant produced in E. coli is a single polypeptide chain containing 289 amino acids (1-265) and having a molecular mass of 33.0kDa. PQBP1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O60828
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMPLPVA LQTRLAKRGI LKHLEPEPEE EIIAEDYDDD PVDYE- ATRLE GLPPSWYKVF DPSCGLPYW NADTDLVSWL SPHDPNSVVT KSAKKLRSSN ADAEEKLDRS HDKSDRGHDK SDRSHEKLDLDR GHDKSDRGHD KSDRDRERGY DKVDREERERD RERDRDRGYD KADREEGKER RHRREELAP YPKSKKAVSR KDEELDPMDP SSYSAPRGT WSTGLPKRNE AK- TGADTTAA GPLFQQRYP SPGAVLRANA EASRTKQQD
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The PQBP1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 100mM NaCl and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**