

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

32-4492: Recombinant Human Polyglutamine Binding Protein 1

Alternative Name:

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

Source: E.coli. 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. PQBP1 is a transcription repressor which is connected to polyglutamine tractcontaining 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.

Product Info

Amount: 20 μg

Purification: Greater than 95% as determined by SDS-PAGE.

The PQBP1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 100mM Content:

NaCl and 20% glycerol.

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods Storage condition:

of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or

BSA). Avoid multiple freeze-thaw cycles.

MGSSHHHHHH SSGLVPRGSH MGSHMPLPVA LQTRLAKRGI LKHLEPEPEE EIIAEDYDDD PVDYEATRLE Amino Acid:

> GLPPSWYKVF DPSCGLPYYW NADTDLVSWL SPHDPNSVVT KSAKKLRSSN ADAEEKLDRS HDKSDRGHDK SDRSHEKLDR GHDKSDRGHD KSDRDRERGY DKVDRERERD RERDRDRGYD

KADREEGKER RHHRREELAP YPKSKKAVSR KDEELDPMDP SSYSDAPRGT WSTGLPKRNE AKTGADTTAA

GPLFQQRPYP SPGAVLRANA EASRTKQQD

