

## Brain Expressed X-Linked 1 Human Recombinant

<b>Item Number</b>	rAP-3976
<b>Synonyms</b>	BEX2, HBEX2, HGR74-h, Protein BEX1, Brain-expressed X-linked protein 1.
<b>Description</b>	BEX1 Human Recombinant produced in E. coli is a single polypeptide chain containing 148 amino acids (1-125) and having a molecular mass of 17.2kDa. BEX1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9HBH7
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMESKEKR AVNSLSMENA NQENEKEQV ANKGEPLALP LDAE-EYCVPR GNRRRFRVRQ PILQYRWDMH HRLGEPQARM REENMERIGE EVRQLMEKLR EKQLSHSLRA VSTDPPHHDH HDEFCLMP.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear 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.
<b>Formulation and Purity</b>	The BEX1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol. Greater than 80% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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 end users! This product is sold for **Research Use Only**