

Brain Expressed X-Linked 1 Human Recombinant

Item Number	rAP-3976
Synonyms	BEX2, HBEX2, HGR74-h, Protein BEX1, Brain-expressed X-linked protein 1.
Description	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.
Uniprot Accession Number	Q9HBH7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMESEKEK AVNSLSMENA NQENEEKEQV ANKGEPLALP LDAG-EYCVPR GNRRRFRVRQ PILQYRWDMM HRLGEPQARM REENMERIGE EVRQLMEKLR EKQLSHSLRA VSTDPPHHDH HDEFCLMP.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
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**