

## 32-3326: BEX1 Recombinant Protein

**Alternative Name :** BEX2,HBEX2,HGR74-h,Protein BEX1,Brain-expressed X-linked protein 1.

### Description

Source : Escherichia Coli. 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. Brain Expressed X-Linked 1 (BEX1) which participates in cell cycle progression and neuronal differentiation, is a signaling adapter molecule involved in p75NTR/NGFR signaling. BEX1 inhibits neuronal differentiation in response to nerve growth factor. BEX1 links between the cell cycle and neurotrophic factor signaling by acting as an upstream modulator of receptor signaling, adjusting biological responses to external signals with internal cellular states.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 80% as determined by SDS-PAGE.
<b>Content :</b>	The BEX1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol.
<b>Storage condition :</b>	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>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSMESEKSR AVNSLSMENA NQENEEKEQV ANKGEPLALP LDAGEYCVPR GNRFRFRVRQ PILQYRWDMM HRLGEPQARM REENMERIGE EVRQLMEKLR EKQLSHSLRA VSTDPPHHDH HDEFCLMP.

