

## Product datasheet for **TP320965L**

### **BEX1 (NM\_018476) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human brain expressed, X-linked 1 (BEX1), 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA** >RC220965 protein sequence  
**Clone or AA Sequence:** **Red**=Cloning site **Green**=Tags(s)

MESKEKRAVNSLSMENANQENEEKEQVANKGEPLALPLDAGEYCVPRGNRRRFRVRQPILQYRWDMMHRL  
GEPQARMREENMERIGEEVRQLMEKLRKQLSHSLRAVSTDPHHDHDEFCLMP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 14.7 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  
**RefSeq:** [NP\\_060946](#)  
**Locus ID:** 55859  
**UniProt ID:** [Q9HBH7](#)  
**RefSeq Size:** 862  
**Cytogenetics:** Xq22



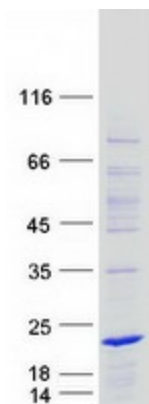
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RefSeq ORF: 375

Synonyms: BEX2; HBEX2; HGR74-h

**Summary:** Signaling adapter molecule involved in p75NTR/NGFR signaling. Plays a role in cell cycle progression and neuronal differentiation. Inhibits neuronal differentiation in response to nerve growth factor (NGF). May act as a link between the cell cycle and neurotrophic factor signaling, possibly by functioning as an upstream modulator of receptor signaling, coordinating biological responses to external signals with internal cellular states (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified BEX1 protein (Cat# [TP320965]). The protein was produced from HEK293T cells transfected with BEX1 cDNA clone (Cat# [RC220965]) using MegaTran 2.0 (Cat# [TT210002]).