

## **Product datasheet for TP320965M**

## OriGene Technologies, Inc.

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## BEX1 (NM\_018476) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human brain expressed, X-linked 1 (BEX1), 100 μg

Species: Human Expression Host: HEK293T

**Expression cDNA** >RC220965 protein sequence Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MESKEKRAVNSLSMENANQENEEKEQVANKGEPLALPLDAGEYCVPRGNRRRFRVRQPILQYRWDMMHRL

GEPQARMREENMERIGEEVRQLMEKLREKQLSHSLRAVSTDPPHHDHHDEFCLMP

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

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





RefSeq ORF: 375

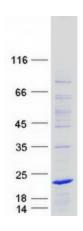
Synonyms: BEX2; HBEX2; HGR74-h

**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]).