9051 Mira Mesa Blvd, #910094
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BEX1 Human

Brain Expressed X-Linked 1 Human Recombinant
RCP0210

Product Overview

Name	BEX1 Human
Description	
Brain Expressed X-Linked 1 Human Recombinant	
Accession (Primary)	Q9HBH7
Synonyms	
BEX2, HBEX2, HGR74-h, Protein BEX1, Brain-expressed X-linked protein 1.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The BEX1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol.	
Stability	
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.	
Purity	
Greater than 80% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MESKEKR AVNSLSMENA NQENEEKEQV ANKGEPLALP LDAGEYCVPR GNRRRFRVRQ PILQYRWDMM HRLGEPQARM REENMERIGE EVRQLMEKLR EKQLSHSLRA VSTDPPHHDH HDEFCLMP.	
Precautions	
BEX1 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9HBH7)