Product datasheet for PH320965

BEX1 (NM_018476) Human Mass Spec Standard

## Product data:

Product Type:	Mass Spec Standards
Description:	BEX1 MS Standard C13 and N15-labeled recombinant protein (NP_060946)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220965
Predicted MW:	14.9 kDa
Protein Sequence:	>RC220965 protein sequence Red=Cloning site Green=Tags(s) MESKEKRAVNSLSMENANQENEEKEQVANKGEPLALPLDAGEYCVPRGNRRRFRVRQPILQYRWDMMHRL GEPQARMREENMERIGEEVRQLMEKLREKQLSHSLRAVSTDPPHHDHHDEFCLMP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060946
RefSeq Size:	862
RefSeq ORF:	375
Synonyms:	BEX2; HBEX2; HGR74-h
Locus ID:	55859
UniProt ID:	Q9HBH7
Cytogenetics:	Xq22

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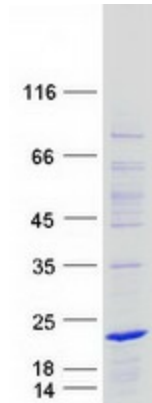
Coomassie blue staining of purified BEX1 protein (Cat# [TP320965]). The protein was produced from HEK293T cells transfected with BEX1 cDNA clone (Cat# [RC220965]) using MegaTran 2.0 (Cat# [TT210002]).