

Product datasheet for PH327754

MEF2BNB (BORCS8) (NM_001145784) Human Mass Spec Standard

Product data:

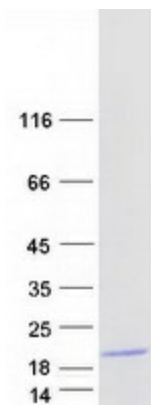
Product Type:	Mass Spec Standards
Description:	LOC729991 MS Standard C13 and N15-labeled recombinant protein (NP_001139256)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227754
Predicted MW:	13.2 kDa
Protein Sequence:	>RC227754 representing NM_001145784 Red =Cloning site Green =Tags(s) MEEPQMQLKGGKVTDKFTESVYVLANEPSVALYRLQEHVRRSLPELAQHKADMQRWEEQSQGAIYTVVEYA CSAVKNLVDSVYFRSVEGLLKQAISIRDHMNASAQGHSPEEPPPPSSA TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001139256
RefSeq ORF:	357
Synonyms:	MEF2BNB
Locus ID:	729991
UniProt ID:	Q96FH0
Cytogenetics:	19p13.11



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Summary:

As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of lysosomes, the BORC complex may recruit ARL8B and couple lysosomes to microtubule plus-end-directed kinesin motor.
[UniProtKB/Swiss-Prot Function]

Product images:

Coomassie blue staining of purified BORCS8 protein (Cat# [TP327754]). The protein was produced from HEK293T cells transfected with BORCS8 cDNA clone (Cat# [RC227754]) using MegaTran 2.0 (Cat# [TT210002]).