

Product datasheet for PH308734

BRD7 (NM_013263) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BRD7 MS Standard C13 and N15-labeled recombinant protein (NP_037395)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208734
Predicted MW:	74.1 kDa
Protein Sequence:	>RC208734 protein sequence Red=Cloning site Green=Tags(s)

MGKHKHKKHKS DKHLYEEYVEKPLKLVLVKVGNEVTELSTGSSGHDSLFDKNDHDKHKDRKRRKRRKKG
KQIPGEEKGRKRRRVKEDKKKRDRDRVENEAEKDLQCHAPVRLDLPPEKPLTSSLAKQEEVEQTPLQEAL
NQLMRQLQRKDP SAFFSFPVTFIAPGYSMIIKHPMDFSTMKEIKNNDYQSIEELKDNFKLMCTNAMIY
NKPETIYYKAAKLLHSGMKILSQERIQSLKQSIDFMADLQKTRKQKDGTDTSQSGEDGGCWQREREDSG
DAEAHAFKSPSKENKKKDKMLEDKFKSNNLEREQEQLDRIVKESGGKLRRLVNSQCEFERRKPDGTTT
LGLLHPVDPIVGEPGYCPVRLGTTGRLQSGVNTLQGFKEDKRNKVPVLYLNYGPYSSYAPHYDSTFAN
ISKDSDLIYSTYGEDSDLPSDFSIHEFLATCQDYPPVMADSLLDVLTGGHSRTLQEMEMSLPEDEGHT
RTLDTAKEMEITEVEPPGRLLDSSTQDRLIAKAVTNFGVPVEVDFDSEAEIFQKKLDETTRLLRELQEAQ
NERLSTRPPNMIICLLGPSYREMHAEQVTNNLKELAQVTPGDIVSTYGVKAMGISIPSPVMENNFD
LTEDTEEPKKTDAECGPSS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_037395
RefSeq Size:	2327

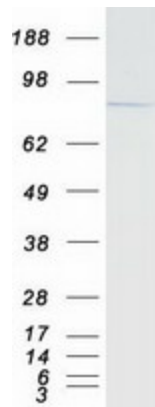


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RefSeq ORF:	1953
Synonyms:	BP75; CELTIX1; NAG4
Locus ID:	29117
UniProt ID:	Q9NPI1
Cytogenetics:	16q12.1

Summary: This gene encodes a protein which is a member of the bromodomain-containing protein family. The product of this gene has been identified as a component of one form of the SWI/SNF chromatin remodeling complex, and as a protein which interacts with p53 and is required for p53-dependent oncogene-induced senescence which prevents tumor growth. Pseudogenes have been described on chromosomes 2, 3, 6, 13 and 14. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]

Product images:



Coomassie blue staining of purified BRD7 protein (Cat# [TP308734]). The protein was produced from HEK293T cells transfected with BRD7 cDNA clone (Cat# [RC208734]) using MegaTran 2.0 (Cat# [TT210002]).