BRD4 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	BRD4, Lysate
Full Product Name	Human BRD4 Protein Lysate
Product Gene Name	BRD4 lysate
Product Synonym Names	BRD4; CAP; HUNK1; HUNKI; MCAP
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	80kDa
OMIM	608749
3D Structure	ModBase 3D Structure for O60885
Related Product Information for BRD4 lysate	Human BRD4 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of BRD4 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BRD4 purchase	MBS138059 is a lysate targeting BRD4. Also known as Human BRD4 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BRD4. It may not necessarily be applicable to this product.

NCBI GI #	7657218
NCBI GeneID	23476
NCBI Accession #	NP_055114
UniProt Primary Accession #	O60885
UniProt Related Accession #	O60885
GenBank Nucleotide #	NM_014299
NCBI Official Full Name	bromodomain-containing protein 4 isoform short
NCBI Official Synonym Full Names	bromodomain containing 4
NCBI Official Symbol	BRD4
NCBI Official Synonym Symbols	CAP; MCAP; HUNK1; HUNKI
UniProt Protein Name	Bromodomain-containing protein 4
UniProt Synonym Protein Names	Protein HUNK1
Protein Family	Bromodomain-containing protein

UniProt Gene Name	BRD4
UniProt Synonym Gene Names	HUNK1
UniProt Entry Name	BRD4_HUMAN
NCBI Protein Information	bromodomain-containing protein 4
NCBI Summary for BRD4	The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]
Research Articles on BRD4	**1.** SRPK1 inhibition produces a significant switch from the short to the long BRD4 isoform at the mRNA and protein levels.
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