

# Recombinant Full Length Human BRWD1 Protein, GST-tagged

Cat. No. BRWD1-3823HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human BRWD1 full-length ORF ( NP_001007247.1, 1 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	120 amino acids
<b>Description</b>	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 2 bromodomains and multiple WD repeats, and the function of this protein is not known. This gene is located within the Down syndrome region-2 on chromosome 21. Alternative splicing of this gene generates 3 transcript variants diverging at the 3 ends.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	40 kDa
<b>AA Sequence</b>	MAEPSSARRPVPLIESELYFLIARYLSAGPCRRAAQVLVQELEQYQLLPKRLDWEGN EHNRSYEELVLSNKHVAPDHLQICQRIGPMLDKEIPPSISRVTSLLGAGRQSLLRTA

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KGTLI

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	BRWD1 bromodomain and WD repeat domain containing 1 [ Homo sapiens ]
<b>Official Symbol</b>	BRWD1
<b>Synonyms</b>	BRWD1; bromodomain and WD repeat domain containing 1; C21orf107, chromosome 21 open reading frame 107 , WD repeat domain 9 , WDR9; bromodomain and WD repeat-containing protein 1; FLJ11315; N143; transcriptional unit N143; WD repeat protein WDR9-form2; WD repeat-containing protein 9; WDR9; C21orf107; FLJ43918;
<b>Gene ID</b>	54014
<b>mRNA Refseq</b>	NM_001007246
<b>Protein Refseq</b>	NP_001007247
<b>MIM</b>	617824
<b>UniProt ID</b>	Q9NSI6

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