

# Recombinant Full Length Human WDR5 Protein, GST-tagged

Cat. No. WDR5-6871HF    Lot. No. (See product label)

## SPECIFICATION

**Product Overview**      Human WDR5 full-length ORF ( NP\_060058.1, 1 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.

**Species**                      Human

**Source**                        In Vitro Cell Free System

**ProteinLength**              334 amino acids

**Description**                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 7 WD repeats. Alternatively spliced transcript variants encoding the same protein have been identified.

**Molecular Mass**            63 kDa

**AA Sequence**                MATEEKKPETEARAQPTPSSSATQSKPTPVKPNYALKFTLAGHTKAVSSVKFSPN  
 GEWLASSADKLIKIWGAYDGKFEKTISGHKLGISDVAWSSSDSNLLVSASDDKTLKIW  
 DVSSGKCLKTLKGHSNYVFCCNFPQSNLIVSGSFDESRIWDVKTGKCLKTLP AHS  
 DPVSAVHFNRDGLIVSSSYDGLCRIWDTASGQCLKTLIDDDNPPVSFVKFSPNGKY  
 ILAATLDNTLKLWDYSKKGKCLKTYTGHKNEKYCIFANFSVTGGKWIVSGSEDNLVYIW  
 NLQTKEIVQKLQGHTDVVISTACHPTENIIASAALENDKTIKLVKSDC

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
---------------------	---

<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>	WDR5 WD repeat domain 5 [ Homo sapiens (human) ]
------------------	--

<b>Official Symbol</b>	WDR5
------------------------	------

<b>Synonyms</b>	WDR5; WD repeat domain 5; SWD3; BIG-3; CFAP89; WD repeat-containing protein 5; BMP2-induced 3-kb gene protein; SWD3, Set1c WD40 repeat protein, homolog; cilia and flagella associated protein 89
-----------------	---

<b>Gene ID</b>	11091
----------------	-------

<b>mRNA Refseq</b>	NM_017588
--------------------	-----------

<b>Protein Refseq</b>	NP_060058
-----------------------	-----------

<b>MIM</b>	609012
------------	--------

<b>UniProt ID</b>	P61964
-------------------	--------

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA