

## Recombinant Human WDR5 Protein

**Cat. No.** WDR5-007H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human WDR5 protein (2-334) without tag was expressed in E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 2-334                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | <p>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-aspartic acid (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.</p> |
| <b>Molecular Mass</b>   | 34.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | 95% estimated by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | ≥ 1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | -80 centigrade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Buffer</b>   | 50 mM Tris, pH 8.0, with 150 mM sodium chloride and 20% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

 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

**Shipping** Dry ice in continental US, may vary elsewhere.

## GENE INFORMATION

**Gene Name** WDR5 WD repeat domain 5 [ Homo sapiens (human) ]

**Official Symbol** WDR5

**Synonyms** 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

**Gene ID** 11091

**mRNA Refseq** NM\_017588

**Protein Refseq** NP\_060058

**MIM** 609012

**UniProt ID** 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