

# Recombinant Full Length Human ARRDC3 Protein, GST-tagged

**Cat. No.** ARRDC3-1257HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ARRDC3 full-length ORF ( AAH15928, 1 a.a. - 414 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>    | 414 amino acids                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | This gene encodes a member of the arrestin family of proteins, which regulate G protein-mediated signaling. The encoded protein is thought to act as a regulator of breast cancer growth and progression by binding to a phosphorylated form of integrin beta4, a tumor-related antigen, targeting the integrin for internalization and degradation. [provided by RefSeq, Jul 2016]                                |
| <b>Molecular Mass</b>   | 71.28 kDa                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MVLGKVKSLT ISFDCLNDSN VPVYSSGDTV SGRVNLEVTG EIRVKSLKIH<br>ARGHAKVRWT ESRNAGSNTA YTQNYTEEEVE YFNHKDILIG HERDDDNSEE<br>GFHTIHSGRH EYAFSFLPQ TPLATSFEGR HGSVRYWVKA ELHRPWLLPV<br>KLKKEFTVFE HIDINTPSLL SPQAGTKEKT LCCWFCTSGP ISLSAKIERK<br>GYTPGESIQI FAEIENCSSR MIVPKAAIYQ TQAFYAKGKM KEVKQLVANL<br>RGESLSSGKT ETWNGKLLKI PPVSPSILDC SIIRVEYSLM VYVDIPGAMD<br>LFLNLPLVIG TIPLHPFGSR TSSVSSQCSM NMNWLSLSLP ERPEAPPSYA |

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EVVTEEQRRN NLAPVSACDD FERALQGPLF AYIQEFRFLP PPLYSEIDPN  
PDQSADDRPS CPSR

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
Antibody Production; Protein Array

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

ARRDC3 arrestin domain containing 3 [ Homo sapiens (human) ]

**Official Symbol**

ARRDC3

**Synonyms**

ARRDC3; arrestin domain containing 3; TLIMP; arrestin domain-containing protein 3;  
TBP-2-like inducible membrane protein; alpha-arrestin 3

**Gene ID**

57561

**mRNA Refseq**

NM\_001329670

**Protein Refseq**

NP\_001316599

**MIM**

612464

**UniProt ID**

Q96B67

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