

## Recombinant Human ARR3 protein, GST-tagged

**Cat. No.** ARR3-854H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ARR3 full-length ORF ( AAH12096, 1 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | The protein encoded by this gene is a non-visual arrestin which binds to agonist-activated, phosphorylated G protein-coupled receptors. This binding uncouples the receptor from the heterotrimeric G protein, resulting in termination of the G protein-coupled receptor signaling. The encoded protein also is a part of the centrosome, interacting with gamma-tubulin to help regulate proper centrosome function. [provided by RefSeq, May 2016] |
| <b>Molecular Mass</b>   | 65.01 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MSKVFKKTSSNGKLSIYLGKRDFVDHVDTVEPIDGVVLVDPEYFKCRKLFVMLTCAF<br>RYGRDDLEVIGLTFRKDLVYQTLQVVPAAESSSPQGPLTVLQERLLHKLGDNAYPFTL<br>QMVTNLPSCSVTLQPGPEDAGKPCGIDFEVKSFCAENPEETVSKRDYVRLVVRKVQF<br>APPEAGPGPSAQTI RRFLLSAQPLQLQAWMDREVHYHGEPI SVNV SIN NCTNKVIKKI<br>KISVDQITDVVLYSLDKYTKTVFIQEFTETVAANSSFSQSFAVTPILAASCQKRGLALD<br>GKLKHEDTNLASSTIIRPGMDKELLGILVSYKVRVNL MVSCGGILGDLTASDVGVELP<br>LVLIHPKPSYEAAR                                                |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);                                                                                                                                                                                                                                                                                                                                                                              |

 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

Antibody Production; Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <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>       | ARR3 arrestin 3, retinal (X-arrestin) [ Homo sapiens ]                                                                                      |
| <b>Official Symbol</b> | ARR3                                                                                                                                        |
| <b>Synonyms</b>        | ARR3; arrestin 3, retinal (X-arrestin); arrestin-C; arrestin 4; ARRX; cArr; C-arrestin; X-arrestin; cone arrestin; retinal cone arrestin-3; |
| <b>Gene ID</b>         | 407                                                                                                                                         |
| <b>mRNA Refseq</b>     | NM_004312                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_004303                                                                                                                                   |
| <b>MIM</b>             | 301770                                                                                                                                      |
| <b>UniProt ID</b>      | P36575                                                                                                                                      |

 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