

Recombinant Full Length Human ARR3 Protein, GST-tagged

Cat. No. ARR3-1243HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARR3 full-length ORF (AAH12096, 1 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	359 amino acids
Description	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]
Molecular Mass	65.01 kDa
AA Sequence	MSKVFKKTSS NGKLSIYL GK RDFVDHVDTV EPIDGVVLVD PEYFKCRKLF VMLTCAFRYG RDDLEVIGLT FRKDLYVQTL QVVP AESSSP QGPLTVLQER LLHKLGDNAY PFTLQMV TNL PCSVTLQPGP EDAGKPCGID FEVKSFCAEN PEETVSKRDY VRLVVRKVQF APPEAGPGPS AQTIRRFLLS AQPLQLQAWM DREVHYHGEP ISVNVSINNC TNKVIKKIKI SVDQITDVVL YSLDKYTKTV FIQEFTETVA ANSSFSQSFA VTPILAASCQ KRGLALDGKL KHEDTNLASS TIIRPGMDKE LLGILVSYKV RVNLMVSCGG ILGDLTASDV GVELPLVLIH

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

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