Recombinant Human ARR3

Cat. No. ARR3-26077TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Arrestin C isoform 2 with N terminal proprietary tag; Predicted MWt 65.56 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	359 amino acids
Description	Arrestin-C also known as retinal cone arrestin-3 is a protein that in humans is encoded by the ARR3 gene.
Molecular Weight	65.560kDa inclusive of tags
Tissue specificity	Inner and outer segments, and the inner plexiform regions of the retina.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MSKVFKKTSSNGKLSIYLGKRDFVDHVDTVEPIDGVVLVD PEYFKCRKLFVMLTCAF RYGRDDLEVIGLTFRKDLYVQTL QVVPAESSSPQGPLTVLQERLLHKLGDNAYPFTL QMVTNL PCSVTLQPGPEDAGKPCGIDFEVKSFCAENPEETVSKRDY VRLVVRKVQ FAPPEAGPGPSAQTIRRFLLSAQPLQLQAWM DREVHYHGEPISVNVSINNCTNKVIK KIKISVDQITDVVL YSLDKYTKTVFIQEFTETVAANSSFSQSFAVTPILAASCQ KRGLA LDGKLKHEDTNLASSTIIRPGMDKELLGILVSYKV RVNLMVSCGGILGDLTASDVGVE LPLVLIHPKPSHEAAR
Sequence Similarities	Belongs to the arrestin family.

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;
Gene ID	407
mRNA Refseq	NM_004312
Protein Refseq	NP_004303
MIM	301770
Uniprot ID	P36575
Chromosome Location	Xq

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Pathway	CXCR4-mediated signaling events, organism-specific biosystem; Thromboxane A2 receptor signaling, organism-specific biosystem; Visual signal transduction: Cones, organism-specific biosystem;
Function	opsin binding; phosphoprotein binding; protein binding; protein domain specific binding;

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