

Recombinant Human ARR3

Cat. No. ARR3-26078TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Arrestin C isoform 2 with N terminal proprietary tag; Predicted MWt 65.60 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	65.600kDa 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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 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids

MSKVFKKTSSNGKLSIYLGKRDFVDHVDTVEPIDGVVLVD PEYFKCRKLFVMLTCAF
 RYGRDDLEVIGLTFRKDLVYQTL QVVPAESSSPQGPLTVLQERLLHKLGDNAYPFTL
 QMVTNL PCSVTLQPGPEDAGKPCGIDFEVKSFCAENPEETVSKRDY VRLVVRKVQ
 FAPPEAGPGPSAQTIIRFLLSAQPLQLQAWM DREVHYHGEPISVNVVSINNCTNKVIK
 KIKISVDQITDVVL YSLDKYTKTVFIQEFTETVAANSSFSQSFAVTPILAASCQ KRGLA
 LDGKLKHEDTNLASSTIIRPGMDKELLGILVSYKV RVNLMVSCGGILGDLTASDVGVE
 LPLVLIHPKPSYEAAR

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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