

## Apelin receptor

Catalog No: #AP79464

Package Size: #AP79464-1 50ug #AP79464-2 100ug #AP79464-3 1mg

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## Description

Product Name	Apelin receptor
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	1-240AA
Other Names	AGTRL1,APJ,Angiotensin receptor-like 1,G-protein coupled receptor APJ,G-protein coupled receptor HG11
Accession No.	P35414Gene name:APLNR
Uniprot	P35414
GeneID	187;
Calculated MW	26.4
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Receptor for apelin coupled to G proteins that inhibit adenylate cyclase activity and plays a role in various processes in adults such as regulation of blood pressure, heart contractility, and heart failure. Also plays a key role in early development such as gastrulation and heart morphogenesis by acting as a receptor for APELA hormone. Alternative coreceptor with CD4 for HIV-1 infection; may be involved in the development of AIDS dementia.

## References

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Note: This product is for in vitro research use only