

Recombinant Human ADRB1 Protein (378-477 aa), His-tagged

Cat. No. ADRB1-1319H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADRB1 Protein (378-477 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	378-477 aa
Description	Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor binds epinephrine and norepinephrine with approximately equal affinity. Mediates Ras activation through G(s)-alpha- and cAMP-mediated signaling.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	12.5 kDa
AA Sequence	CRSPDFRKAQFQRLCCARRAARRRHATHGDRPRASGCLARPGPPPSPGAASDDDD DDVVGATPPARLLEPWAGCNGGAAADSDSSLDEPCRPGFASESKV
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [ADRB1 adrenergic, beta-1-, receptor \[Homo sapiens \]](#)

Official Symbol [ADRB1](#)

Synonyms ADRB1; ADRB1R; RHR; B1AR; BETA1AR;

Gene ID [153](#)

mRNA Refseq [NM_000684](#)

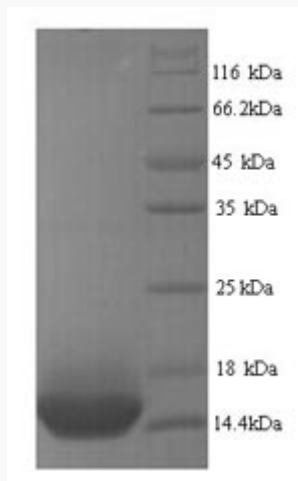
Protein Refseq [NP_000675](#)

UniProt ID [P08588](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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