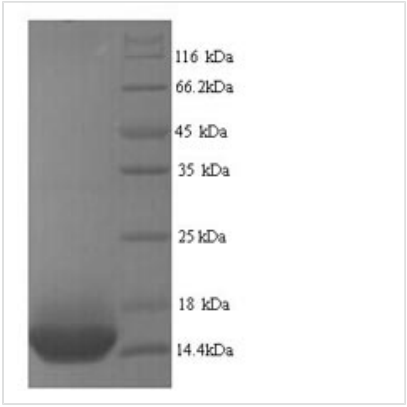
Recombinant Human Beta-1 adrenergic receptor (ADRB1), partial

Product Code	CSB-YP001391HU
Relevance	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.
Abbreviation	Recombinant Human ADRB1 protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P08588
Alias	Beta-1 adrenoreceptor Short name: Beta-1 adrenoceptor
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	CRSPDFRKAFQRLLCCARRAARRRHATHGDRPRASGCLARPGPPPSPGAAS DDDDDDVVGATPPARLLEPWAGCNGGAAADSDSSLDEPCRPGFASESKV
Research Area	Cardiovascular
Source	Yeast
Target Names	ADRB1
Protein Names	Recommended name: Beta-1 adrenergic receptorAlternative name(s): Beta-1 adrenoreceptor Short name= Beta-1 adrenoceptor
Expression Region	378-477aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	12.5kDa
Protein Length	Cytoplasmic Domain
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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