



# Recombinant Human Adenylate cyclase type 2 (ADCY2)

<b>Product Code</b>	CSB-CF600106HU
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q08462
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MWQEAMRRRRYLRDRSEEAAGGGDGLPRSRDWLYESYYCMSQQHPLIVFLL LIVMGSC LALLAVFFALGLEVEDHVAFLITVPTALAIFFAIFILVCIESVFKLLRLF SLVIWICLVAMGYLFMCFGTVSPWDQVSFFLFIIFFVYTM LPFNMRDAIIASVL TSSSHTIVLSVCLSATPGGKEHLVWQILANVIIFICGNLAGAYHKHLMELALQQT YQDTCNCIKSRIKLEFEKRQQRLLLLSLLPAHIAMEMKAEIIQRLQGPKAGQME NTNMFHNLVYKRHTNVSILYADIVGFTRLASDCSPGELVHMLNELFGKFDQIAK ENECMRIKILGDCYYCVSGLPISLPNHAKNCVKMGLDMCEAIKKVRDATGVDIN MRVGVHSGNVLCGVIGLQKWQYDVVSHDVTLANHMEAGGVPGRVHISSVTL EHLNGAYKVEEGDGDIRDYPYLKQHLVKTYFVINPKGERRSPQHFRPRHTLDG AKMRASVRMTRYLESWGAAKPFAHLHHRDSMTTENGKISTTDVPMGQHNFQ NRTLRTKSQKKRFEELNERMIQAIDGINAQKQWLKSEDIQRISLLFYNKVLEKE YRATALPAFKYYYVTCACLIFFCIFIVQILVLPKTSVLGISFGAAFLLLAFILVCFAG QLLQCSKKASPLLMWLLKSSGIIANRPWPRISLTIITTAIILMMAVFNMFLLSDSE ETIPPTANTTNTSFSASNQVAILRAQNLFFLPYFIYSCILGLISCSVFLRVNYEL KMLIMMVALVGYNTILLHTHAHVLGDYSQVLFERPGIWKDLKTMGSVLSIFFIT LLVLGRQNEYCRLDFLWKNKFKKEREEIETMENLNRVLLENVLPAHVAEHFL ARSLKNEELYHQSYDCVCMFASIPDFKEFYTESDVNKEGLECLRLLNEIADF DDLKSKPKFSGVEKIKTIGSTYMAATGLSAVPSQEHSQEPERQYMHIGTMVEF AFALVGKLDAINKHSFNDFKLRVGINHGPVIAGVIGAQPQYDIWGNTVNVASR MDSTGVLDKIQVTEETSLVLQTLGYTCTCRGIINVKGKGD LKTYFVNTEMSRSL SQSNVAS
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	ADCY2
<b>Expression Region</b>	1-1091aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at



4°C for up to one week.

**Tag Info**

Tag type will be determined during the manufacturing process.

**Mol. Weight**

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**Protein Length**

Full Length

**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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