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Recombinant Adenylate Cyclase 8, Brain (ADCY8)

Catalog Number: SIPB957Hu01 **Spec: 50ug**

Product Name	Recombinant Adenylate Cyclase 8, Brain (ADCY8)
Catalog Number	SIPB957Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Lys234~Glu371
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	8.0
Predicted Molecular Mass	45.3kDa
Accurate Molecular Mass	48kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

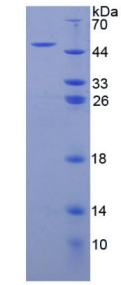
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

KDTTSHT YLQYSGVVTW
VAMTTQILAA GLGYGLLGDG IGYVLFTLFA TYSMLPLPLT WAILAGLGTS
LLQVILQVVI PRLAVISINQ VVAQAVLFMC MNTAGIFISY LSDRAQRQAF
LETRRCVEAR LRLETENQRQ E

[IDENTIFICATION]



15% SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.