

## Recombinant Mouse Adcy10 protein, His-tagged

**Cat. No.** Adcy10-4548M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Adcy10 protein(Q8C0T9)(1-470 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-470 aa
<b>Form</b>	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
<b>Molecular Mass</b>	58.9 kDa
<b>AASequence</b>	MSARRQELQDRAIVKIAAHLPLDILIVYGDFSPERPSVKCFDGVLMFVDISGFTAMTEKF STAMYMDRGAEQLVEILNYYISAIVEKVLIFGGDILKFAGDALLALWKVERKQLKNIITV VIKCSLEIHGLFEAKEAEGLDIRVKIGLAAGHITMLVFGDETRNYFLVIGQAVDDVRL AQNMAQMNDVILSPNCWQLCDRSMIEIERIPDQRAVKVSFLKPPPTFNFDEFFTKCM GFMDYYPSGDHKNFLRLACMLESDPELELSLQKYVMEIILKQIDDKQLRGYLSELRP VTIVFVNLMFKEQDKVEVIGSAIQAACVHITSVLKVFRGQINKVFMFDKGC SFLCVFG FPGEKAPDEITHALES AVDIFDFCSQVHKIRTVSIGVASGIVFCGIVGHTVRHEYTVIG QKVNIAARMMMYYPGIVSCDSVTYDGSNLPAYFFKELPKKVMKGVADPGPVYQCLG LNEKVM

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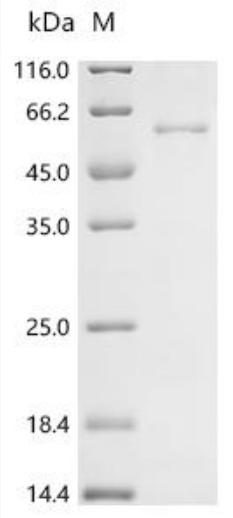
 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

## GENE INFORMATION

<b>Gene Name</b>	<i>Adcy10</i> adenylate cyclase 10 [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	<i>Adcy10</i>
<b>Synonyms</b>	ADCY10; adenylate cyclase 10; sAC;
<b>Gene ID</b>	104251

**SDS-PAGE**



The SDS-PAGE gel shows a single prominent band at approximately 66.2 kDa, corresponding to the expected molecular weight of Adcy10. The molecular weight markers are indicated on the left side of the gel.

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