

Recombinant Human ADD1 Protein, His-tagged

Cat. No. ADD1-491H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADD1(Thr99~Gln328) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr99~Gln328
Description	Adducins are a family of cytoskeletal proteins encoded by three genes (alpha, beta, and gamma). Adducin acts as a heterodimer of the related alpha, beta, or gamma subunits. The protein encoded by this gene represents the alpha subunit. Alpha- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. Adducin binds with high affinity to Ca(2+)/calmodulin and is a substrate for protein kinases A and C.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	28.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

If bio-activity of the protein is needed, please check active protein

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others

GENE INFORMATION

Gene Name

[ADD1 adducin 1 \(alpha\) \[Homo sapiens \]](#)

Official Symbol

[ADD1](#)

Synonyms

ADD1; adducin 1 (alpha); alpha-adducin; erythrocyte adducin alpha subunit; ADDA; MGC3339; MGC44427;

Gene ID

[118](#)

mRNA Refseq

[NM_001119](#)

Protein Refseq

[NP_001110](#)

MIM

[102680](#)

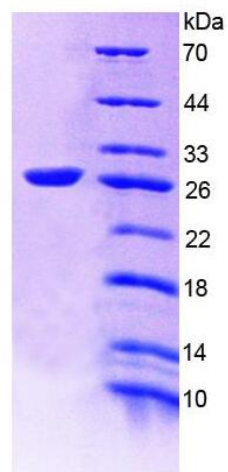
UniProt ID

[P35611](#)

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15% SDS-PAGE

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