

Recombinant Human APOA4 protein, His & GST-tagged

Cat. No. APOA4-2037H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human APOA4 aa. (Glu21~Asn235 (Accession # P06727)) fused with N-terminal His & GST tag was produced in E. coli cells. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Glu21~Asn235 |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 55.0kDa |
| Endotoxin | <1.0EU per 1ug (determined by the LAL method) |
| Purity | >95% |
| Characteristic | The isoelectric point is 5.2. |
| Applications | SDS-PAGE; WB; ELISA; IP. |
| Stability | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the |

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage Buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

[APOA4 apolipoprotein A4 \[Homo sapiens \(human\) \]](#)

Official Symbol

[APOA4](#)

Synonyms

ABCF2; ATP binding cassette subfamily F member 2; ABC28; HUSSY18; HUSSY-18; EST133090; ATP-binding cassette sub-family F member 2; ABC-type transport protein; ATP-binding cassette, sub-family F (GCN20), member 2; iron-inhibited ABC transporter 2

Gene ID

[337](#)

mRNA Refseq

[NM_000482.3](#)

Protein Refseq

[NP_000473.2](#)

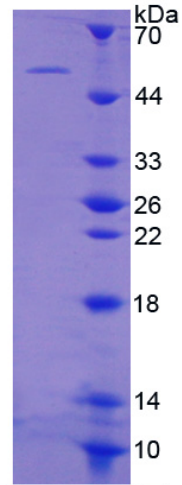
UniProt ID

[P06727](#)

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15% SDS-PAGE

SDS-PAGE

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