

Recombinant Mouse Irs4 protein, His & T7-tagged

Cat. No. Irs4-1053M Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Mouse Irs4 aa. (Met1~Arg299 (Accession # Q9Z0Y7) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| Species | Mouse |
| Source | E.coli |
| ProteinLength | Met1~Arg299 |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 36.4kDa. |
| Endotoxin | <1.0EU per 1g (determined by the LAL method) |
| Purity | >95% |
| Characteristic | The isoelectric point is 9.2. |
| 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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

[Irs4 insulin receptor substrate 4 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Irs4](#)

Synonyms

Irs4; insulin receptor substrate 4; IRS-4; phosphoprotein of 160 kDa; pp160

Gene ID

[16370](#)

mRNA Refseq

[NM_010572.2](#)

Protein Refseq

[NP_034702.2](#)

UniProt ID

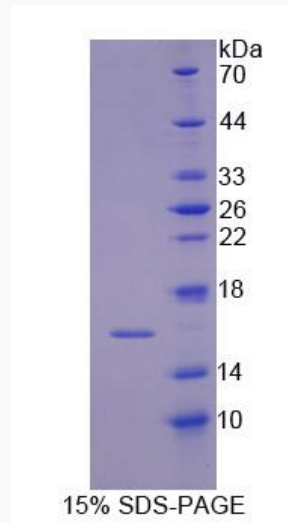
[Q9Z0Y7](#)

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SDS-PAGE



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