

Recombinant Rat Ophn1 protein, His & T7-tagged

Cat. No. Ophn1-8002R Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Rat Ophn1 aa. (Gln634~Ser802 (Accession # P0CAX5)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| Species | Rat |
| Source | E.coli |
| ProteinLength | Gln634~Ser802 |
| Form | Freeze-dried powder |
| Molecular Mass | 28kDa as determined by SDS-PAGE reducing conditions. |
| Endotoxin | <1.0EU per 1ug (determined by the LAL method) |
| Purity | >90% |
| Characteristic | The isoelectric point is 9.5. |
| 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

Ophn1 oligophrenin 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Ophn1

Synonyms

Opn1; oligophrenin-1

Gene ID

312108

mRNA Refseq

NM_001107848.1

Protein Refseq

NP_001101318.1

UniProt ID

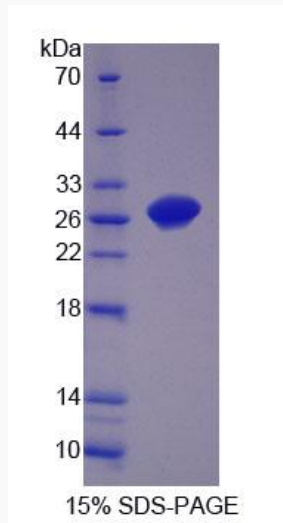
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SDS-PAGE



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