

Recombinant Human NR6A1 protein, His & T7-tagged

Cat. No. NR6A1-7840H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human NR6A1 aa. (Glu282~Glu480 (Accession # Q15406)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Glu282~Glu480 |
| Description | This gene encodes an orphan nuclear receptor which is a member of the nuclear hormone receptor family. Its expression pattern suggests that it may be involved in neurogenesis and germ cell development. The protein can homodimerize and bind DNA, but in vivo targets have not been identified. Alternate splicing results in multiple transcript variants. |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 27.2kDa. |
| Endotoxin | <1.0EU per 1ug (determined by the LAL method) |
| Purity | >95% |
| Characteristic | The isoelectric point is 6.0. |

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| 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 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

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| Gene Name | NR6A1 nuclear receptor subfamily 6 group A member 1 [Homo sapiens (human)] |
| Official Symbol | NR6A1 |
| Synonyms | Thbs4; thrombospondin 4; TSP4; thrombospondin-4 |
| Gene ID | 2649 |
| mRNA Refseq | NM_001278546.1 |
| Protein Refseq | NP_001265475.1 |
| UniProt ID | Q15406 |

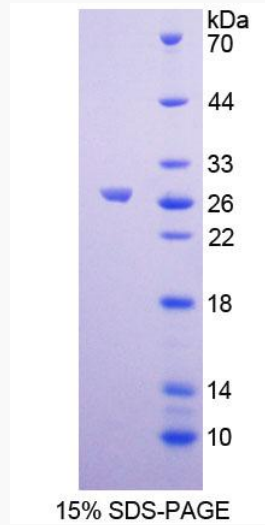
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SDS-PAGE



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