Recombinant Human NR6A1 protein, His & T7-tagged

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

SPECIFICATION

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.

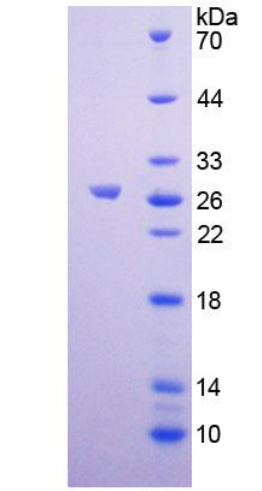
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

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	 15% SDS-PAGE

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