

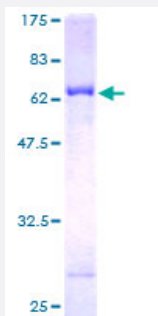
Full-Length

NR2E3 (Human) Recombinant Protein (P01)

Catalog # H00010002-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NR2E3 full-length ORF (AAH41421, 1 a.a. - 322 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MCPVDKAHRNQCCACRLKKCLQAGMNQDAVQNERQPRSTAQVHLD SMESNTESRPESLVAPP
APAGRSPRGPTPMSAARALGHHFMASLITAETCAKLEPEDADENIDVTSNDPEFPSSPYSSSSP
CGLDSIHETSARLLFMAVKWAKNLPVFSSLPFRDQVILLEEAWSELFLLGAIQWSLPLDSCPLLAP
PEASAAGGAQGRLTLASMETRVLQETISRFRALAVDPTEFACMKALVLFKPETRGLKDPEHVEAL
QDQSQVMLSQHSKAHPSQPVRFGKLLLLLPSLRFTAERIELLFFRKTIGNTPMEKLLCDMFKN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.16

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NR2E3

Entrez GeneID [10002](#)

GeneBank Accession# [BC041421](#)

Protein Accession# [AAH41421](#)

Gene Name NR2E3

Gene Alias ESCS, MGC49976, PNR, RNR, RP37, rd7

Gene Description nuclear receptor subfamily 2, group E, member 3

Omim ID [268100 604485 611131](#)

Gene Ontology [Hyperlink](#)

Gene Summary This protein is part of a large family of nuclear receptor transcription factors involved in signaling pathways. Nuclear receptors have been shown to regulate pathways involved in embryonic development, as well as in maintenance of proper cell function in adults. Members of this family are characterized by discrete domains that function in DNA and ligand binding. This gene encodes a retinal nuclear receptor that is a ligand-dependent transcription factor. Defects in this gene are a cause of enhanced S cone syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations photoreceptor-specific nuclear receptor|retina-specific nuclear receptor

Disease

- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)