

Recombinant Full Length Human NR2E3 Protein, GST-tagged

Cat. No. NR2E3-6739HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NR2E3 full-length ORF (AAH41421, 1 a.a. - 322 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	322 amino acids
Description	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]
Molecular Mass	61.16 kDa
AA Sequence	MCPVDKAHRNQCCACRLKKCLQAGMNQDAVQNERQPRSTAQVHLDSMESNTESR PESLVAPPAPAGRSRPGPTPMSAARALGHHFMASLITAETCAKLEPEDADENIDVTS NDPEFPSSPYSSSSPCGLDSIHETSARLLFMVWKWAKNLPVFSSLPFRDQVILLEE WSELFLLGAIQWSLPLDSCPLLAPPEASAAGGAQGRLTLASMETRVLQETISRFRAL AVDPTEFACMKALVLFPKPTRGLKDPEHVEALQDQSQVMLSQHSKAHHPSQPVR

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GKLLLLLPSLRFITAEIRIELLFFRKTIGNTPMEKLLCDMFKN

Applications

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

Notes

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

Storage

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

Storage Buffer

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

GENE INFORMATION

Gene Name

NR2E3 nuclear receptor subfamily 2, group E, member 3 [Homo sapiens]

Official Symbol

NR2E3

Synonyms

NR2E3; nuclear receptor subfamily 2, group E, member 3; photoreceptor-specific nuclear receptor; PNR; rd7; RP37; retina-specific nuclear receptor; photoreceptor cell-specific nuclear receptor variant 1; RNR; ESCS; MGC49976;

Gene ID

10002

mRNA Refseq

NM_014249

Protein Refseq

NP_055064

MIM

604485

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UniProt ID

Q9Y5X4

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