Recombinant Human NR2E3 Protein, GST-tagged

Cat. No. NR2E3-6083H **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	Wheat Germ
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	MCPVDKAHRNQCQACRLKKCLQAGMNQDAVQNERQPRSTAQVHLDSMESNTESR PESLVAPPAPAGRSPRGPTPMSAARALGHHFMASLITAETCAKLEPEDADENIDVTS NDPEFPSSPYSSSSPCGLDSIHETSARLLFMAVKWAKNLPVFSSLPFRDQVILLEEA WSELFLLGAIQWSLPLDSCPLLAPPEASAAGGAQGRLTLASMETRVLQETISRFRAL AVDPTEFACMKALVLFKPETRGLKDPEHVEALQDQSQVMLSQHSKAHHPSQPVRF GKLLLLLPSLRFITAERIELLFFRKTIGNTPMEKLLCDMFKN

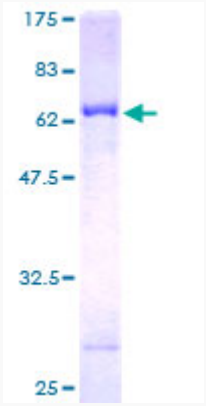
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the 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
UniProt ID	Q9Y5X4

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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