

## Product datasheet for **TP315425M**

### NR2E3 (NM\_014249) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nuclear receptor subfamily 2, group E, member 3 (NR2E3), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215425 representing NM_014249 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  METRPTALMSSTVAAAAPAAGAASRKESPGRWGLGEDPTGVSPSLQCRVCGDSSSGKHGIYACNGCSGF FKRSVRRRLIYRCQVGAGMCPVDKAHRNQCQACRLKKCLQAGMNQDAVQNERQPRSTAQVHLDMSMESNTE SRPESLVAPPAPAGRSRPGPTPMSAARALGHHFMAASLITAETCAKLEPEDADENIDVTSNDPEFPSSPYS SSSPCGLDSIHETSARLLFMAVKWAKNLPVFSSLPFRDQVILLEEAWSELFLLGAIQWSLPLDSCPLLAP PEASAAGGAQGRLTLASMETRVLQETISRFRALAVDPTEFACMKALVLFKPTRGLKDPEHVEALQDQSQ VMLSQHSKAHPSQPVRFGKLLLLLPSLRFITAERIELLFFRKTIGNTPMEKLLCDMFKN  <b>SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	44.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_055064</a></u>



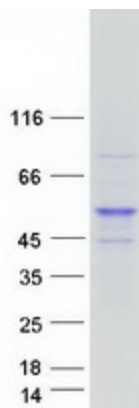
[View online »](#)

Locus ID: 10002  
UniProt ID: [Q9Y5X4](#)  
RefSeq Size: 1999  
Cytogenetics: 15q23  
RefSeq ORF: 1230  
Synonyms: ESCS; PNR; rd7; RNR; RP37

**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, Jul 2008]

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

### Product images:



Coomassie blue staining of purified NR2E3 protein (Cat# [TP315425]). The protein was produced from HEK293T cells transfected with NR2E3 cDNA clone (Cat# [RC215425]) using MegaTran 2.0 (Cat# [TT210002]).