Recombinant Mouse Nr2e3 Protein, Myc/DDK-tagged

Cat. No. Nr2e3-4490M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nuclear receptor subfamily 2, group E, member 3 (Nr2e3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Orphan nuclear receptor of retinal photoreceptor cells. Transcriptional factor that is an activator of rod development and repressor of cone development. Binds the promoter region of a number of rod- and cone-specific genes, including rhodopsin, M- and S-opsin and rod-specific phosphodiesterase beta subunit. Enhances rhodopsin expression. Represses M- and S-cone opsin expression.
Molecular Mass	43.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Nr2e3 nuclear receptor subfamily 2, group E, member 3 [Mus musculus (house mouse)]
Official Symbol	Nr2e3
Synonyms	NR2E3; nuclear receptor subfamily 2, group E, member 3; photoreceptor-specific nuclear receptor; retinal degeneration 7; retina-specific nuclear receptor; PNR; RNR; rd7; A930035N01Rik
Gene ID	23958
mRNA Refseq	NM_013708
Protein Refseq	NP_038736
UniProt ID	Q9QXZ7

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