

Product datasheet for **TP506022**

Rorb (BC024842) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse RAR-related orphan receptor beta (cDNA clone MGC:38728 IMAGE:5358124), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR206022 protein sequence
Red=Cloning site **Green**=Tags(s)

MSRDAVKFGRMSKKQRDSLVAEVQKHQQLRQEQRQQSGEAEALARVYSSSISNGLSNLNTETGGTYANG
HVIDLPKSEGYSIDSGQSPDQSGLDMTGIKQIKQEPYDLTSPNLFYSSFNNGQLAPGITMSEIDR
IAQNIKSHLETCQYTMEEHLQLAWQTHTYEEIKAYQSKSREALWQQCAIQITHAIQYVVEFAKRITGFM
ELCQNDQILLKSGCLEVLRMCRAFNPNNNTVLFEGKYGGMQMFKALGSDDLVEAFDFAKNLCSLQL
TEEEIALFSSAVLISPDRAWLIEPRKVQKLQEKIYFALQHVIQKNHLDDETLAKLIAKIPTITAVCNLHG
EKLQVFKQSHPDIVNTLFPPLYKELFNPDCAAVCK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 43.6 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

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 after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Locus ID: 225998

UniProt ID: [Q8R1B8](#)



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RefSeq Size: 1832

Cytogenetics: 19 B

RefSeq ORF: 1155

Synonyms: MGC38728, Nr1f2, RZR-beta, RZRB

Summary: The protein encoded by this gene is a member of the NR1 subfamily of nuclear hormone receptors. It is a DNA-binding protein that can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The encoded protein has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, and to help regulate the expression of some genes involved in circadian rhythm. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2014]