

Recombinant Mouse Por Protein, Myc/DDK-tagged

Cat. No. Por-5016M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length P450 (cytochrome) oxidoreductase (Por), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This enzyme is required for electron transfer from NADP to cytochrome P450 in microsomes. It can also provide electron transfer to heme oxygenase and cytochrome B5.
Molecular Mass	77.5 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.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Por cytochrome p450 oxidoreductase [Mus musculus (house mouse)]
Official Symbol	Por
Synonyms	POR; P450 (cytochrome) oxidoreductase; NADPH--cytochrome P450 reductase; P450R; NADH cytochrome P450 oxydoreductase; CPR; CYPOR; 4933424M13Rik
Gene ID	18984
mRNA Refseq	NM_008898
Protein Refseq	NP_032924
UniProt ID	P37040

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