

Recombinant Mouse Cyp19a1 Protein, Myc/DDK-tagged

Cat. No. Cyp19a1-2411M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cytochrome P450, family 19, subfamily a, polypeptide 1 (Cyp19a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the formation of aromatic C18 estrogens from C19 androgens.
Molecular Mass	58.5 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

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Gene Name	Cyp19a1 cytochrome P450, family 19, subfamily a, polypeptide 1 [Mus musculus (house mouse)]
Official Symbol	Cyp19a1
Synonyms	CYP19A1; cytochrome P450, family 19, subfamily a, polypeptide 1; cytochrome P450 19A1; CYPXIX; estrogen synthase; cytochrome P-450AROM; cytochrome P450, 19, aromatase; Ar; ArKO; Int5; Cyp19; Int-5; p450arom; MGC124251; MGC124252
Gene ID	13075
mRNA Refseq	NM_007810
Protein Refseq	NP_031836
UniProt ID	P28649

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