



# Recombinant Rat Aromatase (Cyp19a1)

<b>Product Code</b>	CSB-EP006394RA
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P22443
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MFLEMLNPMH YNVTIMVPET VPVSAMPLLL IMGLLLLIRN CESSSSIPGP GYCLGIGPLI SHGRFLWMGI GSACNYYNKM YGEFMRVWIS GEETLIISKS SSMVHVMKHS NYISRFGSKR GLQCIGMHEN GIIFNNNPSL WRTVRPFFMK ALTGPGLIRM VEVCVESIKQ HLDRLGDVTD NSGYVDVVTL MRHIMLDTSN TLFLGIPLDE SSIVKKIQGY FNAWQALLIK PNIFFKISWL YRKYERSVKD LKDEIEILVE KKRQKVSSAE KLEDCMDFAT DLIFAERRGD LTKENVNQCI LEMLIAAPDT MSVTLYVMLL LIAEYPEVET AILKEIHTVV GDRDIRIGDV QNLKVVENFI NESLRYQPVV DLVMRRALED DVIDGYPVKK GTNIILNIGR MHRLEYFPKP NEFTLENFEK NVPYRYFQPF GFGPRSCAGK YIAMVMMKVV LVTLLKRFHV KTLQKRCIEN MPKNNDSLH LDEDSPIVEI IFRHIFNTPF LQCLYISL
<b>Source</b>	E.coli
<b>Target Names</b>	Cyp19a1
<b>Protein Names</b>	Recommended name: Aromatase EC= 1.14.14.1 Alternative name(s): Aromatase CYPXIX Cytochrome P-450AROM Estrogen synthase
<b>Expression Region</b>	1-508
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.